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19 May 2008

Mr. Max Shahbazian
California Regional Water Quality Control Board
San Francisco Bay Region (Water Board)
1515 Clay Street, Suite 1400
Oakland, CA 94612

Subject: Notification of the Detection of Toluene at Cheese Whey Injection Wells
Former TRW Microwave Facility
825 Stewart Drive, Sunnyvale, California

On behalf of Northrop Grumman Corporation (Northrop Grumman), Camp Dresser & McKee Inc. (CDM) has prepared this letter to provide written notification regarding the detection of toluene in samples from cheese whey injection wells at the former TRW Microwave facility located at 825 Stewart Drive in Sunnyvale, California (Site). This letter is a follow-up to the verbal notification provided on 8 May 2008. This letter presents the details of the cheese whey injection work, summary of toluene detections, and planned monitoring activities to further evaluate the toluene detections.

Scope of Cheese Whey Injections

Per Water Board approved workplan, cheese whey injections have been conducted onsite in September and December 2007 and March 2008 to provide additional electron donor for the ongoing enhanced anaerobic bioremediation (EAB) pilot program for treatment of trichloroethene (TCE) in groundwater beneath the Site. Cheese whey is injected through nine (9) wells T-13A, T-14A, and T-18A through T-24A (see Figure 1 for well locations). Approximately 1,000-gallons of 1 to 2 percent (%) by weight cheese whey have been injected during each event into each of the injection wells. The planned fourth and final injection event in June 2008 is currently pending.

Cheese whey injections are conducted by Tamalpais Environmental Consultants (TEC) under subcontract to CDM. TEC obtains 6 to 7% by weight stock of fresh liquid cheese whey from Marine French Cheese Company located in Petaluma, California. A new stock is transported to the Site on each day of injection. The stock is diluted onsite to make 1 to 2% by weight cheese whey mixture using potable water obtained from the City of Sunnyvale's fire hydrant located onsite. The prepared cheese whey mixture is injected on the same day, so that none of the mixture is stored on/offsite for use on subsequent days.



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The treatment effectiveness of cheese whey injections is evaluated by conducting quarterly groundwater monitoring of selected injection wells (T-13A, T-14A, T-19A, and T-23A) and selected downgradient monitoring wells (T-8A and T-25A). In addition, several other onsite wells are monitored quarterly as part of the ongoing EAB pilot program. The groundwater samples are analyzed for selected volatile organic compounds (VOCs) and geochemical parameters. The VOCs consist of selected chlorinated VOCs, benzene, toluene, ethylbenzene, and xylenes using EPA Method 8260B by Microseeps, Inc. of Pittsburgh, PA, a NELAC-certified laboratory.

Summary of Toluene Detections

The third cheese whey injection was conducted on 13, 20, and 21 March 2008. Cheese whey was injected in wells T-18A, T-19A, and T-20A on 13 March; T-13A, T-14A, and T-21A on 20 March; and T-22A, T-23A, and T-24A on 21 March. Following cheese whey injection, groundwater samples were collected from selected injection and monitoring wells on 9 and 10 April 2008, and shipped to Microseeps, Inc. for analysis. The analytical results for the groundwater samples from wells T-13A, T-14A, T-19A, T-23A, and T-25A indicated detections of toluene. Toluene had not been detected in samples collected from these five wells prior to the first whey injection event, nor subsequent to the first and second whey injection events.

To confirm the toluene detections, additional groundwater samples were collected from wells T-13A and T-19A on 5 May 2008, and analyzed for the full-list of VOCs using EPA Method 8260B by TestAmerica Laboratories of Pleasanton, California, a NELAC-certified laboratory. The analytical results for the 5 May 2008 samples from T-13A and T-19A confirm the presence of toluene.

The VOC analytical results from the April and May 2008 samples are presented in Table 1. The historical VOC analytical results for the Site are presented in Attachment 1. The following is a summary of observations regarding toluene detections in the recent sampling events and prior to the Site cheese whey injections.

- Toluene concentrations in samples from April 2008 whey injection wells ranged from 51 micrograms per liter ($\mu\text{g}/\text{L}$) in well T-14A to 24,000 $\mu\text{g}/\text{L}$ in well T-19A (see Table 1).
- Toluene concentrations in samples from wells T-13A and T-19A in May 2008 were 9,500 and 15,000 $\mu\text{g}/\text{L}$, respectively (see Table 1).
- Chlorinated VOCs, benzene, ethylbenzene, and xylenes were not detected above laboratory reporting limits (which were elevated due to magnitude of toluene detections) in the whey injection well samples collected during the April and May 2008 sampling events.



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- Toluene concentration of 170 µg/L was detected in April 2008 sample from monitoring well T-25A (located within 10 feet downgradient of injection well T-14A), which is in the potential radius of influence from the injections.
- Toluene was not detected above the laboratory reporting limit of 5 µg/L in April 2008 sample from monitoring well T-8A (located within 20 feet downgradient of injection well T-13A), which is not in the radius of influence from the injections (see Table 1).
- Toluene was not detected above the laboratory reporting limit of 5 µg/L in April 2008 samples from other monitored downgradient wells T-15A, T-16A, and T-9A (see Table 1).
- Highest toluene concentration (24,000 µg/L) was detected in April 2008 sample from well T-19A, where cheese whey was injected on the first day (13 March 2008) during the third cheese whey injection event (see Table 1). This detection is the highest for toluene ever at any of the Site wells. The previous high toluene detection, prior to cheese whey injections, was 13 µg/L at the Eductor well in October 2007 (see Attachment 1).
- Historically, toluene (and benzene, ethylbenzene, and xylenes) have been detected routinely in samples from former Site source area Eductor well, located approximately 70 feet upgradient of the whey injection wells (see Figure 1). The range of toluene concentrations in Eductor well samples between 2001 and cheese whey injections is less than 1 µg/L to 13 µg/L; since cheese whey injection began, the range is 9.2 to 17 µg/L (see Attachment 1). These Eductor toluene concentrations are three to four orders-of-magnitude lower than the recent toluene detections in whey injection well T-19A.
- In addition, Site wells T-7A, T-8A, T-2B, and T-8B have had sporadic detections of toluene, up to 11 µg/L at T-2B in January 2002 (see Attachment 1). No other Site wells have had detections of toluene.
- Ethylbenzene and xylenes were detected in January 2008 samples from injection wells T-13A, T-19A, and T-23A (6.8 to 12 µg/L and 19 to 39 µg/L, respectively, see Attachment 1), following second cheese whey injection event. Toluene was not detected above the laboratory reporting limit of 5 µg/L in these same samples.
- Due to the magnitude of toluene concentrations detected in cheese whey injection wells in April and May 2008, this occurrence of toluene in cheese whey injection wells is not related to the former Site source area.
- Given that elevated concentrations of toluene are limited to the whey injection wells and the geochemical conditions in the vicinity and downgradient areas are favorable for



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toluene biodegradation, toluene concentrations are expected to attenuate to non-detect levels within the distance between the injection wells and the downgradient property line.

Planned Activities

To further evaluate the toluene concentration trends and distribution in the cheese whey injection wells, additional groundwater samples for VOC analysis will be collected prior to the fourth cheese whey injection event in June 2008. Additionally, during the fourth cheese whey injection event in June 2008, samples for VOC analysis will be collected from the cheese whey stock, the potable water (from fire hydrant), the 1 to 2% by weight cheese whey mixture just prior to injection, and the injection wells immediately following injection on the first day. Groundwater samples will also be collected in July 2008 as part of the next quarterly EAB performance monitoring. The results and interpretation of these samples will be presented to the Water Board following receipt of results for the July 2008 samples.

On behalf of Northrop Grumman, CDM appreciates the Water Board's review of this letter. Please call Mr. Pawan Sharma of CDM at (925) 296-8054 or Mr. Klaus Rohwer, Northrop Grumman Project Manager, at (951) 696-7217 if you have any questions or need additional information.

Sincerely,

Camp Dresser & McKee Inc.

A handwritten signature in black ink, appearing to read "Pawan Sharma".

Pawan Sharma, P. E.
Project Manager

A handwritten signature in black ink, appearing to read "Vibhav Mankad". Below the signature is a short horizontal line with two small dots on either side.

Vibhav Mankad, P. E.
Project Engineer

Attachments

C (electronic): Klaus Rohwer, Northrop Grumman Project Manager
Marie Lacey, U.S. EPA Region 9

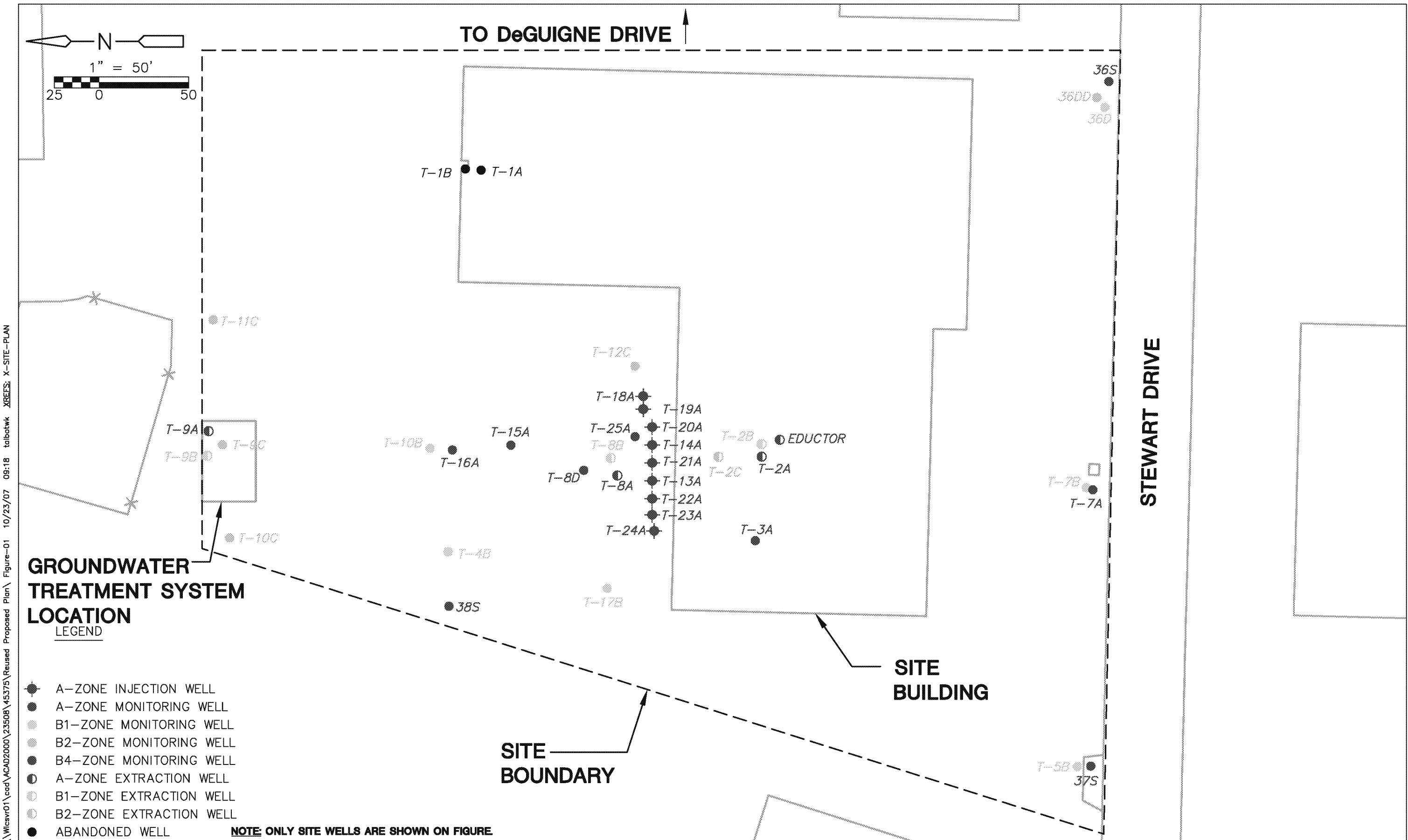


Figure 1

Table1. Groundwater Volatile Organic Compound Results - April and May 2008

Former TRW Microwave Facility
825 Stewart Drive, Sunnyvale, California

Well Number	Date	PCE ($\mu\text{g/L}$)	TCE ($\mu\text{g/L}$)	cis- 1,2-DCE ($\mu\text{g/L}$)	trans- 1,2- DCE ($\mu\text{g/L}$)	VC ($\mu\text{g/L}$)	1,1,1- TCA ($\mu\text{g/L}$)	1,1- DCE ($\mu\text{g/L}$)	1,1- DCA ($\mu\text{g/L}$)	CDM ($\mu\text{g/L}$)	Freon 11 ($\mu\text{g/L}$)	Freon 12 ($\mu\text{g/L}$)	Freon 113 ($\mu\text{g/L}$)	BFM ($\mu\text{g/L}$)	1,2- DCB ($\mu\text{g/L}$)	CBN ($\mu\text{g/L}$)	BEN ($\mu\text{g/L}$)	EBN ($\mu\text{g/L}$)	TOL ($\mu\text{g/L}$)	XYL ($\mu\text{g/L}$)
Drinking Water Standard		5	5	6	10	0.5	200	6	5	100	150	NE	1,200	100	600	70	1	300	150	1,750
Zone A Wells																				
Upgradient Wells																				
T-7A	4/10/2008	<5.0	230	79	<5.0	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15	
Former Source Area Wells																				
EDUCTOR	4/9/2008	840	28,000	15,000	230	<5.0	<5.0	59	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	5,000	5.2	620	17	2,250
T-2A	4/9/2008	<5.0	<5.0	190	74	50	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	42	<5.0	<5.0	<5.0	<15
Crossgradient Wells																				
T-3A	4/10/2008	<5.0	120	5.8	<5.0	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
Whey Injection Wells																				
T-13A	4/9/2008	<50	<50	<50	<50	<50	<50	<50	<50	NA	<50	<50	NA	<50	NA	<50	<50	<50	2,300	<150
	5/5/2008	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<100	<100	<200	<100	<100	<100	<100	9,500	<200
T-14A	4/9/2008	<5.0	23	86	<5.0	16	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	9.9	<5.0	<5.0	51	<15
T-19A	4/9/2008	<250	<250	<250	<250	<250	<250	<250	<250	NA	<250	<250	NA	<250	NA	<250	<250	<250	24,000	<750
	5/5/2008	<200	<200	<200	<200	<200	<200	<200	<200	<200	<400	<200	<200	<400	<200	<200	<200	<200	15,000	<400
T-23A	4/9/2008	<50	<50	<50	<50	<50	<50	<50	<50	NA	<50	<50	NA	<50	NA	<50	<50	<50	190	<150
Downgradient Wells																				
T-25A	4/9/2008	<5.0	29	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	170	<15
T-8A	4/9/2008	<5.0	29	10	<5.0	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
T-15A	4/10/2008	<5.0	120	60	<5.0	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
	Apr-08 Dup	<5.0	120	60	<5.0	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
T-16A	4/10/2008	<5.0	46	100	<5.0	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
	4/10/2008	<5.0	61	110	<5.0	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
Zone B1 Wells																				
T-2B	4/10/2008	<5.0	<5.0	40	<5.0	190	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	6.9	<5.0	<5.0	<5.0	<15
T-4B	4/10/2008	<5.0	6.5	480	<5.0	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
T-8B	4/9/2008	<5.0	6.5	200	<5.0	12	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<15
T-10B	4/10/2008	<5.0	46	36	<5.0	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<15
T-17B	4/9/2008	<5.0	590	120	<50	<50	<50	<50	<50	NA	<50	<50	NA	<50	NA	<50	<50	<50	<50	<150

Notes:

Drinking water standards are Maximum Contaminant Levels (MCLs) as established by the California Department of Health Services, or if no California MCLs have been established, then USEPA MCLs were used.

< = Not detected at the detection limit shown.

NA = Not Analyzed

ND = Not Detected

NE = Not Established

$\mu\text{g/L}$ = microgram per liter

Water Board = California Regional Water Quality Control Board -

San Francisco Bay Region

1,1,1-TCA = 1,1,1-trichloroethane

1,1-DCA = 1,1-dichloroethane

EBN = Ethylbenzene

Freon 11 = Trichlorofluoromethane

1,1-DCE = 1,1-dichloroethene

Freon 12 = Dichlorodifluoromethane

1,2-DCB = 1,2-dichlorobenzene

Freon 113 = 1,1,2-trichloro-1,2,2-trifluoroethane

1,2-DCE = 1,2-dichloroethene

PCE = Tetrachloroethene

BEN = Benzene

TCE = Trichloroethene

BFM = Bromoform

TOL = Toluene

CBN = Chlorobenzene

VC = Vinyl Chloride

CDM = Chlorodibromomethane

XYL = Total Xylenes

Historic Groundwater Volatile Organic Compound Results
Former TRW Microwave Facility
825 Stewart Drive, Sunnyvale, California

Well Number/ Dates	PCE ($\mu\text{g/L}$)	TCE ($\mu\text{g/L}$)	cis- 1,2-DCE ($\mu\text{g/L}$)	trans- 1,2- DCE ($\mu\text{g/L}$)	Total 1,2-DCE ($\mu\text{g/L}$)	VC ($\mu\text{g/L}$)	1,1,1- TCA ($\mu\text{g/L}$)	1,1- DCE ($\mu\text{g/L}$)	1,1- DCA ($\mu\text{g/L}$)	CDM ($\mu\text{g/L}$)	Freon 11 ($\mu\text{g/L}$)	Freon 12 ($\mu\text{g/L}$)	Freon 113 ($\mu\text{g/L}$)	BFM ($\mu\text{g/L}$)	1,2- DCB ($\mu\text{g/L}$)	CBN ($\mu\text{g/L}$)	BEN ($\mu\text{g/L}$)	EBN ($\mu\text{g/L}$)	TOL ($\mu\text{g/L}$)	XYL ($\mu\text{g/L}$)
Drinking Water Standard	5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-1A ZA																				
Per Water Board approval, well T-1A was abandoned in February 2004.																				
Oct-02	<0.5	35	1.3	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<2.0	<0.5	NA	NA	NA	NA	
Oct-01	<0.5	28	1.6	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<2.0	<2.0	<0.5	NA	NA	NA	NA	
Oct-00	<2.0	34	2.2	<2.0	--	<2.0	<2.0	<2.0	<2.0	<2.0	ND	ND	<2.0	ND	<2.0	NA	NA	NA	NA	
Oct-99	<1.0	34	1.8	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	ND	ND	<1.0	ND	<1.0	ND	NA	NA	NA	
Oct-98	<1.0	42	2.0	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	ND	ND	<1.0	ND	<1.0	ND	NA	NA	NA	
Oct-97	<1.0	51	3.0	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	ND	ND	<1.0	ND	<2.0	ND	NA	NA	NA	
Oct-96	<0.5	48	3.6	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	
Oct-95	<1.0	61	--	--	5.2	<2.0	<1.0	<1.0	<1.0	<1.0	ND	ND	<1.0	ND	<1.0	ND	NA	NA	NA	
Oct-94	<5.0	74	--	--	<5	<5.0	<5.0	<5.0	<5.0	<5.0	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA	
Oct-93	<5.0	120	--	--	7.0	<10	<5.0	<5.0	<5.0	<5.0	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA	
Apr-90	<0.5	110	--	--	65	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	
Oct-89	<0.5	90	--	--	48	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	--	--	--	--	
Aug-89	<0.5	87	--	--	49	<0.5	<0.5	<0.5	<0.5	<0.5	0.9	--	--	<0.5	<0.5	--	--	--	--	
Feb-89	<0.5	86	--	--	78	<0.5	<0.5	<0.5	<0.5	<0.5	1.3	--	--	<0.5	<0.5	--	--	--	--	
Nov-88	<0.5	88	--	--	83	<0.5	0.5	<0.5	<0.5	<0.5	2.7	--	--	<0.5	<0.5	--	--	--	--	
Aug-88	<1.0	60	--	--	67	<1.0	0.9	<1.0	<1.0	<1.0	--	--	<1.0	<1.0	<1.0	--	--	--	--	
Jun-88	<0.5	56	--	--	68	<0.5	1.5	<0.5	<0.5	<0.5	--	--	10	<0.5	--	--	--	--	--	
Jan-88	<1.0	200	--	--	55	<1.0	3.1	<1.0	<1.0	<1.0	--	--	9.1	<1.0	--	--	--	--	--	
Oct-87	<2.5	160	--	--	110	<2.5	8.6	<2.5	<2.5	<2.5	--	--	<2.5	<2.5	--	--	--	--	--	
Jun-87	<1.0	190	--	--	200	<1.0	7.0	<1.0	<1.0	<1.0	--	--	<1.0	<1.0	--	--	--	--	--	
Apr-87	<2.5	160	--	--	210	<2.5	<2.5	<2.5	<2.5	<2.5	--	--	<2.5	<2.5	--	--	--	--	--	
Jan-87	<10	140	--	--	140	<10	<10	<10	<10	<10	--	--	<10	<10	--	--	--	--	--	
Sep-86	<2.0	420	--	--	130	<2.0	5	<2.0	<2.0	<2.0	--	--	<2.0	<2.0	--	--	--	--	--	
Jul-86	<1.0	140	--	--	120	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	<1.0	<1.0	--	--	--	--	--	
Apr-86	<2.0	340	--	--	200	<2.0	<2.0	<2.0	<2.0	<2.0	--	--	<2.0	<2.0	--	--	--	--	--	
Jan-86	<5.0	630	--	--	490	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	NA	<5.0	--	--	--	--	--	
Oct-85	10	640	--	--	1,200	<5.0	30	<5.0	<5.0	<5.0	--	--	<5.0	<5.0	--	--	--	--	--	
Nov-84	4	930	--	--	420	NA	5	NA	NA	--	--	NA	NA	--	--	--	--	--	--	
Aug-84	5	950	--	--	360	ND	7	ND	ND	--	--	ND	ND	--	--	--	--	--	--	
Mar-84	NA	680	--	--	NA	NA	NA	NA	NA	--	--	NA	NA	--	--	--	--	--	--	
Sep-83	7	1,000	--	--	830	NA	5	ND	<1.0	--	--	ND	NA	--	--	--	--	--	--	
Sep-83	3	540	--	--	510	NA	3	ND	<1.0	--	--	ND	NA	--	--	--	--	--	--	
Aug-83	<1.0	660	--	--	413	ND	4	<1.0	<1.0	<1.0	--	--	<1.0	ND	--	--	--	--	--	

Historic Groundwater Volatile Organic Compound Results
Former TRW Microwave Facility
825 Stewart Drive, Sunnyvale, California

Well Number/ Dates	PCE (µg/L)	TCE (µg/L)	cis- 1,2-DCE (µg/L)	trans- 1,2- DCE (µg/L)	Total 1,2-DCE (µg/L)	VC (µg/L)	1,1,1- TCA (µg/L)	1,1- DCE (µg/L)	1,1- DCA (µg/L)	CDM (µg/L)	Freon 11 (µg/L)	Freon 12 (µg/L)	Freon 113 (µg/L)	BFM (µg/L)	1,2- DCB (µg/L)	CBN (µg/L)	BEN (µg/L)	EBN (µg/L)	TOL (µg/L)	XYL (µg/L)
Drinking Water Standard	5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-2A ZA																				
Apr-08	<5.0	<5.0	190	74	--	50	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	42	<5.0	<5.0	<5.0	<15
Oct-07	<5.0	<5.0	650	280	--	200	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	48	<5.0	<5.0	<5.0	<15
Apr-07	<5.0	25	180	<5.0	--	65	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
Oct-06	<5.0	<5.0	580	270	--	140	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	41	<5.0	<5.0	<5.0	<15
Apr-06	<5.0	<5.0	170	110	--	35	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	14	<5.0	<5.0	<5.0	<15
Jan-06	<5.0	<5.0	220	190	--	120	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	39	<5.0	<5.0	<5.0	<15
Oct-05	<5.0	<5.0	45	49	--	22	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	18	<5.0	<5.0	<5.0	<15
Jul-05	<5.0	<5.0	110	96	--	50	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	60	<5.0	<5.0	<5.0	<15
Apr-05	<5.0	9.4	13	9.0	--	23	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	13	<5.0	<5.0	<5.0	<15
Jan-05	<5.0	<5.0	150	100	--	49	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	30	<5.0	<5.0	<5.0	<15
Oct-04	<5.0	<5.0	200	69	--	100	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	46	<5.0	<5.0	<5.0	<15
Apr-04	<1.0	4.4	59	<1.0	--	30	<1.0	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0
Jan-04	<5.0	<5.0	<5.0	<5.0	--	9.7	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0
Oct-03	<5.0	6.3	66	<5.0	--	130	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	24	<5.0	<5.0	<5.0	<10
Jul-03	<1.0	2.5	17	<1.0	--	48	<1.0	<1.0	<1.0	NA	<2.0	<2.0	NA	<1.0	NA	14	NA	19	<1.0	3.8
Apr-03	<1.0	15	7.3	<1.0	--	13	<1.0	<1.0	<1.0	NA	<2.0	<2.0	NA	<1.0	NA	6.6	NA	<1.0	<1.0	<2.0
Jan-03	<1.0	16	12	1.1	--	24	<1.0	<1.0	<1.0	NA	<2.0	<2.0	NA	<1.0	NA	16	NA	NA	NA	NA
Oct-02	1.2	28	31	2	--	37	<1.0	<1.0	<1.0	NA	<2.0	<2.0	NA	<1.0	NA	28	<1.0	<1.0	<1.0	3.9
Jul-02	<1.0	32	94	6.7	--	140	<1.0	<1.0	<1.0	NA	<2.0	<2.0	NA	NA	NA	7.1	NA	<1.0	<1.0	<2.0
Apr-02	<1.0	4.2	45	<1.0	--	76	<1.0	<1.0	<1.0	NA	<2.0	<2.0	NA	ND	NA	76	NA	<1.0	<1.0	<2.0
Jan-02	<13	110	210	<13	--	240	<13	<13	<13	ND	<25	<13	NA	ND	20	<13	NA	NA	NA	NA
Nov-01	10	140	180	6.7	--	460	<5.0	<5.0	<5.0	ND	<5.0	<5.0	<5.0	<5.0	ND	<5.0	<5.0	<5.0	<10	
Oct-01	<50	480	230	<50	--	310	<50	<50	<50	<100	<100	<100	ND	<50	NA	<50	<50	<50	<100	
Aug-01	19	88	400	8.6	--	690	<1.0	<1.0	1.1	ND	<2.0	<2.0	NA	ND	NA	2.9	NA	1.8	<1.0	5.4
Jun-01	1.1	5.4	57	5.2	--	620	<1.0	1.2	1.9	ND	4.0	<2.0	NA	ND	NA	<1.0	NA	<1.0	<1.0	<2.0
Mar-01	13	110	360	5.3	--	400	1.6	1.2	<1.0	ND	<2.0	<2.0	NA	ND	NA	<1.0	NA	<1.0	<1.0	<2.0
Jan-01	11	120	330	4.2	--	86	2.3	1.3	<1.0	ND	<2.0	<2.0	NA	ND	NA	<1.0	NA	<1.0	<1.0	<2.0
Oct-00	<20	160	520	<20	--	330	<20	<20	<20	<20	<20	<20	ND	<20	ND	<20	NA	NA	NA	NA
Oct-99	27	270	220	<5.0	--	<5.0	<5.0	<5.0	<5.0	ND	ND	ND	<5.0	ND	<5.0	<10	NA	NA	NA	NA
Apr-99	20	210	160	<10	--	<10	<10	<10	<10	ND	ND	ND	<10	ND	<10	<25	NA	NA	NA	NA
Oct-98	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Apr-98	20	440	150	<10	--	<10	<10	<10	<10	ND	ND	ND	<40	ND	<10	<25	NA	NA	NA	NA
Oct-97	71	470	320	<25	--	<25	<25	<25	<25	ND	ND	ND	<25	ND	<50	<50	NA	NA	NA	NA
Apr-97	37	330	250	4.4	--	3.1	<1.7	2.1	<1.7	ND	ND	ND	1.8	ND	<1.7	ND	NA	NA	NA	NA
Oct-96	3.3	71	97	1.0	--	9.5	<0.5	0.6	<0.5	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA
Oct-95	14	190	--	--	140	13	<2.0	<2.0	<2.0	ND	ND	ND	<2.0	ND	<2.0	ND	NA	NA	NA	NA
Apr-95	18	280	--	--	300	<10	<5.0	<5.0	<5.0	ND	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA	NA
Oct-94	<25	320	--	--	530	<25	<25	<25	<25	ND	ND	ND	<25	ND	<25	ND	NA	NA	NA	NA
Apr-94	3.9	1,600	--	--	2,216	120	<0.5	21	<0.5	ND	ND	ND	<0.5	ND	<0.5	ND	2.2	NA	NA	NA
Feb-94	6.3	1,900	--	--	2,723	260	<0.5	32	1.1	ND	ND	ND	1.9	ND	9.6	ND	NA	NA	NA	NA
Oct-93	16	5,800	--	--	4,732	300	<5.0	49	<5.0	ND	ND	ND	<5.0	ND	23	ND	NA	NA	NA	NA
Apr-93	18	1,300	--	--	1,710	14	<0.5	13	<0.5	ND	ND	ND	NA	ND	<0.5	ND	NA	NA	NA	NA
Oct-92	10	640	--	--	650	80	<0.5	<0.5	<0.5	ND	ND	ND	NA	ND	2.1	ND	NA	NA	NA	NA
Apr-92	30	4,400	--	--	410	120	<20	<20	<20	ND	ND	ND	<20	ND	<20	ND	NA	NA	NA	NA
Jan-92	0.8	42	--	--	6.1	4.0	<0.5	<0.5	<0.5	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA
Apr-91	12	120	--	--	50	<1	<1.0	<1.0	<1.0	ND	ND	ND	<1.0	ND	<1.0	ND	NA	NA	NA	NA
Jul-90	40	100	--	--	40	3.3	<0.5	<0.5	<0.5	ND	ND	ND	<0.5	ND	3.4	ND	NA	NA	NA	NA
Apr-90	40	160	--	--	12	7.0	<1.0	<1.0	<1.0	ND	ND	ND	<1.0	ND	<1.0	ND	NA	NA	NA	NA
Oct-89	84	230	--	--	23	220	<1.0	3	<1.0	--	--	--	<1.0	ND	79	--	--	--	--	--
Aug-89	41	2,300	--	--	30	<10	<10	<10	<10	--	--	--	18	ND	<10	--	--	--	--	--
May-89	140	470	--	--	500	340	<5.0	<5.0	<5.0	--	--	--	<5.0	ND	<5.0	--	--	--	--	--
Feb-89	220	620	--	--	240	<10	<10	<10	<10	--	--	--	380	ND	<10	--	--	--	--	--
Nov-88	260	1,300	--	--	4,200	18,000	<100	<100	<100	--	--	--	<100	ND	<100	--	--	--	--	--
Nov-88	<10	1,300	--	--	3,800	3,600	<10	<10	<10	--	--	--	<10	ND	<10	--	--	--	--	--
Aug-88	250	1,400	--	--	5,700	11,000	<100	<100	<100	--	--	--	<100	ND	<100	--	--	--	--	--
Jun-88	610	4,000	--	--	4,200	4,600	<50	<50	<50	--	--	--	<50	ND	<50	--	--	--	--	--
Jun-88	530	3,200	--	--	3,100	4,000	1.6	15	1.4	--	--	--	<5.0	ND	32	--	--	--	--	--
Oct-87	190	980	--	--	330	40	7.5	<5.0	<5.0	--	--	--	<5.0	ND	46	--	--	--	--	--
Jan-87	380	2,900	--	--	5,500	<50	<50	<50	<50	--	--	--	<50	ND	610	--	--	--	--	--
Jul-86	980	6,400	--	--	5,400	540	<50	<50	<50	--	--	--	<50	ND	650	--	--	--	--	--
Apr-86	1,700	10,000	--	--	30,000	740</														

Historic Groundwater Volatile Organic Compound Results
Former TRW Microwave Facility
825 Stewart Drive, Sunnyvale, California

Well Number/ Dates	PCE ($\mu\text{g/L}$)	TCE ($\mu\text{g/L}$)	cis- 1,2-DCE ($\mu\text{g/L}$)	trans- 1,2- DCE ($\mu\text{g/L}$)	Total 1,2-DCE ($\mu\text{g/L}$)	VC ($\mu\text{g/L}$)	1,1,- TCA ($\mu\text{g/L}$)	1,1- DCE ($\mu\text{g/L}$)	1,1- DCA ($\mu\text{g/L}$)	CDM ($\mu\text{g/L}$)	Freon 11 ($\mu\text{g/L}$)	Freon 12 ($\mu\text{g/L}$)	Freon 113 ($\mu\text{g/L}$)	BFM ($\mu\text{g/L}$)	1,2- DCB ($\mu\text{g/L}$)	CBN ($\mu\text{g/L}$)	BEN ($\mu\text{g/L}$)	EBN ($\mu\text{g/L}$)	TOL ($\mu\text{g/L}$)	XYL ($\mu\text{g/L}$)
Drinking Water Standard	5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-3A ZA																				
Apr-08	<5.0	120	5.8	<5.0	--	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Oct-07	<5.0	210	15	<5.0	--	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Oct-06	3.7	230	49	<2.0	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	NA	NA	NA	NA	
Oct-05	4.1	180	48	1.3	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	
Oct-04	2.3	130	41	1.7	--	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0	<4.0	<1.0	<1.0	NA	NA	NA	
Oct-03	<5.0	150	43	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	
Oct-02	<2.0	180	17	<2.0	--	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<4.0	<2.0	<8.0	<2.0	<2.0	NA	NA	NA	
Oct-01	<5.0	130	48	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<5.0	NA	NA	NA	
Oct-00	<10	140	71	<10	--	<10	<10	<10	<10	<10	ND	ND	<10	ND	<10	<10	NA	NA	NA	
Oct-99	2.1	95	78	<2.0	--	9	<2.0	<2.0	<2.0	ND	ND	ND	<2.0	ND	<2.0	ND	NA	NA	NA	
Oct-98	<5.0	140	84	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	ND	ND	ND	<5.0	<5.0	<5.0	<5.0	NA	NA	
Oct-97	<5.0	180	100	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	ND	ND	<5.0	ND	<10	ND	NA	NA	NA	
Oct-96	2.0	110	52	0.6	--	<0.5	0.9	<0.5	<0.5	ND	ND	ND	0.8	ND	<0.5	ND	NA	NA	NA	
Oct-95	2.9	180	--	--	121.2	<2.0	3.1	<1.0	1.1	ND	ND	ND	1.9	ND	<1.0	ND	NA	NA	NA	
Oct-94	<5.0	170	--	--	130	<5.0	<5.0	<5.0	<5.0	ND	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA	
Feb-94	3.7	130	--	--	60	<1.0	4.6	<0.5	1.2	ND	ND	ND	1.7	ND	<0.5	ND	NA	NA	NA	
Oct-93	<5.0	280	--	--	120	<10	<5.0	<5.0	<5.0	ND	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA	
Oct-92	1.1	3.0	--	--	<0.5	<1.0	1.7	<0.5	<0.5	ND	ND	ND	NA	ND	<0.5	ND	NA	NA	NA	
Apr-92	4.7	17	--	--	<0.5	<0.5	5.9	<0.5	<0.5	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	
Jan-92	2.0	11	--	--	<0.5	<0.5	2.3	<0.5	<0.5	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	
Oct-91	5.8	25	--	--	<0.5	<0.5	5.4	<0.5	<0.5	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	
Jul-91	3.2	19	--	--	<0.5	<0.5	6.2	<0.5	<0.5	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	
Apr-91	2.1	10	--	--	<0.5	<0.5	3.1	<0.5	<0.5	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	
Jan-91	1.4	7.4	--	--	<0.5	<0.5	0.7	<0.5	<0.5	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	
Oct-90	1.4	11	--	--	<0.5	<0.5	4.2	<0.5	<0.5	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	
Jul-90	<0.5	4.6	--	--	<0.5	<0.5	0.5	<0.5	<0.5	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	
Apr-90	<0.5	1.5	--	--	<0.5	<0.5	0.5	<0.5	<0.5	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	
Jan-90	<0.5	8.2	--	--	<0.5	<0.5	0.5	<0.5	<0.5	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	
Oct-89	<0.5	4	--	--	<0.5	<0.5	0.5	<0.5	<0.5	--	--	--	<0.5	ND	<0.5	--	--	--	--	
Aug-89	0.7	5	--	--	<0.5	<0.5	0.5	<0.5	<0.5	--	--	--	<0.5	ND	<0.5	--	--	--	--	
May-89	<1.0	2	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	<1.0	ND	<1.0	--	--	--	--	
Feb-89	<0.5	<0.5	--	--	<0.5	<0.5	0.5	<0.5	<0.5	--	--	--	<0.5	ND	<0.5	--	--	--	--	
Nov-88	<0.5	4	--	--	1.8	<0.5	0.5	<0.5	<0.5	--	--	--	<0.5	ND	<0.5	--	--	--	--	
Aug-88	0.5	5	--	--	1.1	<0.5	1.1	<0.5	1.1	<0.5	<0.5	--	<0.5	ND	<0.5	--	--	--	--	
May-88	0.4	2	--	--	0.7	<0.1	0.2	<0.1	<0.1	--	--	--	<0.1	ND	<0.2	--	--	--	--	
May-88	0.4	2	--	--	0.8	<0.1	0.2	<0.1	<0.1	--	--	--	<0.1	ND	<0.1	--	--	--	--	
Jan-88	0.7	4	--	--	0.8	<0.5	0.6	<0.5	<0.5	--	--	--	<0.5	ND	<0.5	--	--	--	--	
Jan-88	0.5	2	--	--	0.6	<0.1	0.2	<0.1	<0.1	--	--	--	<0.1	ND	<0.2	--	--	--	--	
Oct-87	15	460	--	--	310	<2.5	16	<2.5	<2.5	--	--	--	<2.5	ND	<2.5	--	--	--	--	
Jun-87	24	900	--	--	720	<10	72	<10	<10	--	--	--	<10	ND	<10	--	--	--	--	
Apr-87	20	920	--	--	740	<10	100	12	<10	--	--	--	86	ND	<10	--	--	--	--	
Jan-87	<10	3,000	--	--	880	<10	<10	<10	<10	--	--	--	<10	ND	<10	--	--	--	--	
Sep-86	15	560	--	--	340	<2.0	15	<2.0	<2.0	--	--	--	<2.0	ND	<2.0	--	--	--	--	
Jul-86	180	1,800	--	--	790	<10	<10	<10	<10	--	--	--	<10	ND	<10	--	--	--	--	
Apr-86	91	1,500	--	--	220	<1.0	12	<1.0	<1.0	--	--	--	<1.0	ND	<1.0	--	--	--	--	
Oct-85	<25	2,700	--	--	1,100	<25	<25	<25	<25	--	--	--	<25	ND	<25	--	--	--	--	
Oct-85	170	3,100	--	--	3,200	<50	95	<50	<50	--	--	--	480	ND	<50	--	--	--	--	
Nov-84	260	1,300	--	--	1,100	NA	42	NA	NA	--	--	--	NA	ND	NA	--	--	--	--	
Aug-84	210	530	--	--	690	ND	13	ND	2	--	--	--	NA	ND	ND	--	--	--	--	
Mar-84	NA	240	--	--	NA	NA	NA	NA	NA	--	--	--	NA	ND	NA	--	--	--	--	
Sep-83	560	300	--	--	91	NA	16	ND	<1.0	--	--	--	52	ND	NA	--	--	--	--	
Sep-83	580	290	--	--	96	NA	16	NA	<1.0	--	--	--	35	ND	NA	--	--	--	--	
Aug-83	1,100	1,600	--	--	36	<5.0	0.2	<5.0	<5.0	--	--	--	<5.0	ND	<5.0	--	--	--	--	

Historic Groundwater Volatile Organic Compound Results
Former TRW Microwave Facility
825 Stewart Drive, Sunnyvale, California

Well Number/ Dates	PCE (µg/L)	TCE (µg/L)	cis- 1,2-DCE (µg/L)	trans- 1,2- DCE (µg/L)	Total 1,2-DCE (µg/L)	VC (µg/L)	1,1,1- TCA (µg/L)	1,1- DCE (µg/L)	CDM (µg/L)	Freon 11 (µg/L)	Freon 12 (µg/L)	Freon 113 (µg/L)	BFM (µg/L)	1,2- DCB (µg/L)	CBN (µg/L)	BEN (µg/L)	EBN (µg/L)	TOL (µg/L)	XYL (µg/L)	
Drinking Water Standard	5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-6A ZA																				
Oct-07	<0.5	22	17	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.62	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Oct-06	<0.5	24	22	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	
Oct-05	<0.5	21	28	0.51	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	
Oct-04	<0.5	14	30	0.92	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	
Oct-03	0.61	8.5	2.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	
Oct-02	0.72	9.3	2.7	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	
Oct-01	<0.5	9.2	1.7	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	
Oct-00	<1.0	7.3	<1.0	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	
Oct-99	<1.0	9.4	<1.0	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND	NA	NA	
Oct-98	<1.0	9.4	<1.0	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND	NA	NA	
Oct-97	<0.5	7.4	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	NA	NA	
Oct-96	<0.5	7.6	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	NA	NA	
Oct-95	<1.0	6.5	--	--	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND	NA	NA	
Oct-94	<5.0	19	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND	NA	NA	
Oct-93	<0.5	6.3	--	--	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	NA	NA	
Oct-92	<0.5	5.6	--	--	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	NA	NA	
Oct-91	<0.5	7.8	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	NA	NA	
Oct-90	<0.5	9.0	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	NA	NA	
Aug-89	<0.5	14	--	--	0.7	<0.5	0.6	<0.5	<0.5	--	--	--	--	0.7	ND	<0.5	--	--	--	
May-88	<0.5	13	--	--	1.5	<0.5	2.5	<0.5	<0.5	--	--	--	--	2.1	ND	<0.5	--	--	--	
Jan-88	<0.5	21	--	--	1.6	<0.5	2.6	<0.5	<0.5	--	--	--	--	2.1	ND	<0.5	--	--	--	
Jan-87	<10	52	--	--	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	--	--	--	
Oct-85	<0.5	68.5	--	--	10	<0.5	12	<0.5	<0.5	--	--	--	--	21	ND	<0.5	--	--	--	
Mar-84	NA	27	--	--	NA	NA	NA	NA	NA	--	--	--	--	NA	ND	NA	--	--	--	

Historic Groundwater Volatile Organic Compound Results
Former TRW Microwave Facility
825 Stewart Drive, Sunnyvale, California

Well Number/ Dates	PCE ($\mu\text{g/L}$)	TCE ($\mu\text{g/L}$)	cis- 1,2-DCE ($\mu\text{g/L}$)	trans- 1,2- DCE ($\mu\text{g/L}$)	Total 1,2-DCE ($\mu\text{g/L}$)	VC ($\mu\text{g/L}$)	1,1,- TCA ($\mu\text{g/L}$)	1,1- DCE ($\mu\text{g/L}$)	1,1- DCA ($\mu\text{g/L}$)	CDM ($\mu\text{g/L}$)	Freon 11 ($\mu\text{g/L}$)	Freon 12 ($\mu\text{g/L}$)	Freon 113 ($\mu\text{g/L}$)	BFM ($\mu\text{g/L}$)	1,2- DCB ($\mu\text{g/L}$)	CBN ($\mu\text{g/L}$)	BEN ($\mu\text{g/L}$)	EBN ($\mu\text{g/L}$)	TOL ($\mu\text{g/L}$)	XYL ($\mu\text{g/L}$)
Drinking Water Standard	5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-7A ZA																				
Apr-08	<5.0	230	79	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15	
Oct-07	<5.0	370	80	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15	
Oct-07 Dup	<5.0	380	81	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15	
May-07	<5.0	290	100	<5.0	--	NA	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	5.4	<5.0	<5.0	<5.0	<15	
Jan-07	NA	430	120	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15	
Oct-06	<4.0	330	85	<4.0	--	<4.0	<4.0	<4.0	<4.0	<8.0	<4.0	<4.0	<8.0	<4.0	<4.0	NA	NA	NA	NA	
Oct-06 Dup	<2.0	320	76	<2.0	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	NA	NA	NA	NA	
Jul-06	<5.0	450	140	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15	
Apr-06	<5.0	360	180	9.9	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15	
Oct-05	<2.0	340	130	3.3	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	NA	NA	NA	NA	
Oct-04	<2.0	370	110	4.6	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	NA	NA	NA	NA	
Apr-04	2.0	340	170	4.4	--	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	
Oct-03 (1)	<5.0	480	268	8.7	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<10	
Apr-03	<1.0	430	210	2.6	--	<1.0	<1.0	<1.0	<1.0	NA	<2.0	<2.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	
Oct-02	<5.0	510	190	<5.0	--	<5.0	<5.0	<5.0	<5.0	ND	<10	<10	<5.0	<20	<5.0	<5.0	NA	NA	NA	
Apr-02	<10	350	160	<10	--	<10	<10	<10	<10	ND	<20	<10	ND	<10	<10	<10	NA	NA	NA	
Jan-02	<10	290	120	<10	--	<10	<10	<10	<10	ND	<20	<10	ND	<10	<10	<10	NA	NA	NA	
Oct-01	<5.0	260	71	<5.0	--	<5.0	<5.0	<5.0	<5.0	ND	<10	<5.0	<10	<5.0	<5.0	<5.0	NA	NA	NA	
Jun-01	1.6	220	76	1.4	--	<2.0	<1.0	<1.0	<1.0	NA	<2.0	<2.0	NA	ND	NA	<1.0	NA	<1.0	1.2	
Oct-00	<10	120	87	<10	--	<10	<10	<10	<10	ND	<10	<10	ND	<10	<10	<10	NA	NA	NA	
Oct-99	<2.0	130	21	<2.0	--	<2.0	<2.0	<2.0	<2.0	ND	ND	ND	<2.0	ND	<2.0	ND	NA	NA	NA	
Oct-99 Dup	<2.0	140	20	<2.0	--	<2.0	<2.0	<2.0	<2.0	ND	ND	ND	<2.0	ND	<2.0	ND	NA	NA	NA	
Oct-98	<5.0	200	18	<5.0	--	<5.0	<5.0	<5.0	<5.0	ND	ND	ND	<5.0	ND	<5.0	<25	NA	NA	NA	
Oct-97	<10	270	33	<10	--	<10	<10	<10	<10	ND	ND	ND	<10	ND	<20	<50	NA	NA	NA	
Oct-96	1.8	260	32	<1.0	--	<1.0	<1.0	<1.0	<1.0	ND	ND	ND	1.5	ND	<1.0	ND	NA	NA	NA	
Oct-95	<5.0	400	--	--	47	<10	<5.0	<5.0	<5.0	ND	ND	ND	5.9	ND	<5.0	ND	NA	NA	NA	
Nov-94	<25	410	--	--	100	<25	<25	<25	<25	ND	ND	ND	<25	ND	<25	ND	NA	NA	NA	
Oct-94	450	1,700	--	--	3,300	<250	<250	<250	<250	ND	ND	ND	<250	ND	<250	ND	NA	NA	NA	
Oct-93	<5.0	480	--	--	90	<10	<5.0	<5.0	<5.0	ND	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA	
Oct-92	2.4	670	--	--	222	<1.0	2	<0.5	1	ND	ND	ND	NA	ND	<0.5	ND	NA	NA	NA	
Apr-92	5.0	980	--	--	425	<0.5	3	1	2	ND	ND	ND	1	ND	<0.5	ND	NA	NA	NA	
Jan-92	<10	1,200	--	--	980	<10	<10	<10	<10	ND	ND	ND	<10	ND	<10	ND	NA	NA	NA	
Jul-91	10	720	--	--	720	<5.0	<5.0	<5.0	<5.0	ND	ND	ND	14	ND	<5.0	ND	NA	NA	NA	
Apr-91	<5.0	720	--	--	640	<5.0	<5.0	<5.0	<5.0	ND	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA	
Oct-90	<5.0	820	--	--	870	<5.0	<5.0	<5.0	<5.0	ND	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA	
Jul-90	<20	810	--	--	20	<20	<20	<20	<20	ND	ND	ND	<20	ND	<20	ND	NA	NA	NA	
Apr-90	<10	1,300	--	--	760	<10	<10	<10	<10	ND	ND	ND	<10	ND	<10	ND	NA	NA	NA	
Jan-90	<10	1,300	--	--	640	<10	<10	<10	<10	ND	ND	ND	<10	ND	<10	ND	NA	NA	NA	
Oct-89	<5.0	1,000	--	--	340	<5.0	<5.0	<5.0	<5.0	ND	ND	ND	<5.0	ND	<5.0	ND	--	--	--	
Oct-89	6	820	--	--	320	<2.0	5	<2.0	<2.0	--	--	--	<2.0	ND	<2.0	--	--	--	--	
Aug-89	<10	1,400	--	--	340	<10	38	<10	<10	--	--	--	<10	ND	<10	--	--	--	--	
May-89	5.7	1,300	--	--	320	<5.0	<5.0	<5.0	<5.0	ND	ND	ND	<5.0	ND	<5.0	--	--	--	--	
Feb-89	<25	1,200	--	--	190	<25	<25	<25	<25	--	--	--	<25	ND	<25	--	--	--	--	
Feb-89	<25	1,100	--	--	200	<25	<25	<25	<25	--	--	--	<25	ND	<25	--	--	--	--	
Nov-88	<10	1,200	--	--	300	<10	<10	<10	<10	--	--	--	<10	ND	<10	--	--	--	--	
Aug-88	<10	970	--	--	320	<10	<10	<10	<10	--	--	--	<10	ND	<10	--	--	--	--	
Jun-88	<25	1,200	--	--	610	<25	<25	<25	<25	--	--	--	360	ND	<25	--	--	--	--	
Jan-88	<50	3,200	--	--	570	<50	<50	<50	<50	--	--	--	<50	ND	<50	--	--	--	--	
Oct-87	<25	2,700	--	--	1,600	<25	<25	<25	<25	--	--	--	<25	ND	<25	--	--	--	--	
Jun-87	<25	3,000	--	--	3,900	<25	<25	<25	<25	--	--	--	<25	ND	<25	--	--	--	--	
Apr-87	<25	2,800	--	--	3,500	<25	<25	<25	<25	--	--	--	<25	ND	<25	--	--	--	--	
Jan-87	<10	3,000	--	--	2,500	<10	<10	<10	<10	--	--	--	<10	ND	<10	--	--	--	--	
Sep-86	<12	2,200	--	--	1,500	<12	<12	<12	<12	--	--	--	<12	ND	<12	--	--	--	--	
Jul-86	<25	3,300	--	--	1,900	<25	<25	<25	<25	--	--	--	<25	ND	<25	--	--	--	--	
Apr-86	<10	1,400	--	--	<10	<10	<10	<10	<10	--	--	--	<10	ND	<10	--	--	--	--	
Jan-86	<25	2,500	--	--	1,400	<25	<25	<25	<25	--	--	--	NA	ND	<25	--	--	--	--	
Oct-85	28	3,800	--	--	4,200	340	87	<50	<50	--	--	--	<50	ND	<50	--	--	--	--	
Oct-85	<50	3,600	--	--	3,700	<50	<50	<50	<50	--	--	--	690	ND	<50	--	--	--	--	
Nov-84	15	3,100	--	--	1,800	NA	22	NA	NA	--	--	--	NA	ND	NA	--	--	--	--	
Aug-84	120	6,800	--	--	2,200	ND	ND	ND	ND	--	--	--	ND	ND	ND	--	--	--	--	

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Well Number/ Dates	PCE ($\mu\text{g/L}$)	TCE ($\mu\text{g/L}$)	cis- 1,2-DCE ($\mu\text{g/L}$)	trans- 1,2- DCE ($\mu\text{g/L}$)	Total 1,2-DCE ($\mu\text{g/L}$)	VC ($\mu\text{g/L}$)	1,1,- TCA ($\mu\text{g/L}$)	1,1- DCE ($\mu\text{g/L}$)	1,1- DCA ($\mu\text{g/L}$)	CDM ($\mu\text{g/L}$)	Freon 11 ($\mu\text{g/L}$)	Freon 12 ($\mu\text{g/L}$)	Freon 113 ($\mu\text{g/L}$)	BFM ($\mu\text{g/L}$)	1,2- DCB ($\mu\text{g/L}$)	CBN ($\mu\text{g/L}$)	BEN ($\mu\text{g/L}$)	EBN ($\mu\text{g/L}$)	TOL ($\mu\text{g/L}$)	XYL ($\mu\text{g/L}$)
Drinking Water Standard	5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-8A ZA																				
Apr-08	<5.0	29	10	<5.0	--	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Oct-07	<5.0	59	71	<5.0	--	36.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Apr-07	<5.0	170	63	<5.0	--	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Jan-07	8.2	180	81	<5.0	--	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Oct-06	<5.0	57	34	<5.0	--	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Jul-06	<5.0	210	94	<5.0	--	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Apr-06	<5.0	86	83	<5.0	--	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Jan-06	<5.0	63	44	<5.0	--	5.8	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Oct-05	<5.0	200	130	<5.0	--	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Jul-05	<5.0	170	58	<5.0	--	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Apr-05	<5.0	140	44	<5.0	--	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Oct-04	2.8	130	39	2.3	--	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<1.0	<4.0	<1.0	<1.0	NA	NA	NA	
Jul-04	<5.0	150	50	<5.0	--	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<10	
Apr-04	3.2	120	45	2.5	--	<1.0	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<2.0	
Jan-04	<5.0	110	33	<5.0	--	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<10	
Oct-03	<5.0	140	48	<5.0	--	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<10	
Jul-03	2.0	150	41	1.2	--	<2.0	<1.0	<1.0	NA	<2.0	<2.0	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<2.0	
Mar-03	1.9	150	45	<1.0	--	<2.0	<1.0	<1.0	NA	<2.0	<2.0	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<2.0	
Jan-03	3.3	140	49	1.2	--	<2.0	<1.0	<1.0	NA	<2.0	<2.0	NA	<2.0	NA	<1.0	NA	NA	NA	NA	
Oct-02	2.4	130	54	1.4	--	14	1.2	2.8	NA	<2.0	<2.0	NA	<1.0	NA	<1.0	1.3	<1.0	1.2	<2.0	
Jul-02	<1.0	120	44	<1.0	--	<2.0	<1.0	<1.0	NA	<2.0	<2.0	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<2.0	
Mar-02	2.4	140	41	1.3	--	<2.0	<1.0	<1.0	NA	<2.0	<2.0	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<2.0	
Jan-02	2.0	170	62	1.5	--	<2.0	<1.0	<1.0	NA	<2.0	<2.0	NA	<1.0	NA	<1.0	6.8	<1.0	2.7		
Nov-01	<5.0	140	62	<5.0	--	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<10	
Oct-01	2.8	190	68	1.4	--	<2.0	1.5	<1.0	NA	<2.0	<2.0	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<2.0	
Aug-01	5.9	180	72	1.4	--	<2.0	<1.0	<1.0	NA	<2.0	<2.0	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<2.0	
Jun-01	2.6	150	64	1.4	--	<2.0	1.6	<1.0	NA	<2.0	<2.0	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<2.0	
Oct-00	<10	150	64	<10	--	<10	<10	<10	ND	<10	<10	ND	<10	ND	<10	<10	NA	NA	NA	
Oct-00 Dup	<10	140	62	<10	--	<10	<10	<10	ND	<10	<10	ND	<10	ND	<10	<10	NA	NA	NA	
Oct-99	2.6	130	77	<2.0	--	<2.0	<2.0	<2.0	ND	<2.0	<2.0	ND	<2.0	ND	<2.0	<2.0	NA	NA	NA	
Apr-99	<10	110	72	<10	--	<10	<10	<10	ND	<10	<10	ND	<10	ND	<10	<10	NA	NA	NA	
Oct-98	3.0	110	120	<2.0	--	<2.0	<2.0	<2.0	ND	<2.0	<2.0	ND	<2.0	ND	<2.0	<2.0	NA	NA	NA	
Apr-98	<5.0	170	110	<5.0	--	<5.0	<5.0	<5.0	ND	<5.0	<5.0	ND	<20	ND	<5.0	<5.0	NA	NA	NA	
Oct-97	<10	210	170	<10	--	<10	<10	<10	ND	<10	<10	ND	<10	ND	<20	<10	NA	NA	NA	
Apr-97	3.8	200	160	12	--	<1.0	2.9	<1.0	1.3	ND	ND	ND	2.7	ND	2.2	ND	NA	NA	NA	
Oct-96	2.4	160	160	3.7	--	<0.5	2.3	0.8	1.1	ND	ND	ND	1.5	ND	2.2	ND	NA	NA	NA	
Apr-96	4.0	230	--	--	180	<2.5	3	<2.5	<2.5	ND	ND	ND	<2.5	ND	<2.5	ND	NA	NA	NA	
Oct-95	4.4	260	--	--	222.5	<4.0	4.9	2.1	<2.0	ND	ND	ND	4	ND	<2.0	ND	NA	NA	NA	
Apr-95	<5.0	230	--	--	200	<10	<5.0	<5.0	<5.0	ND	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA	
Oct-94	<25	300	--	--	330	<25	<25	<25	<25	ND	ND	ND	<25	ND	<25	ND	NA	NA	NA	
Apr-94	4.9	280	--	--	221	<0.5	8	3	<0.5	ND	ND	ND	3	ND	1	ND	NA	NA	NA	
Oct-93	<5.0	250	--	--	200	<10	7	<5.0	<5.0	ND	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA	
Apr-93	2.6	160	--	--	110	<5.0	4	<2.5	<2.5	ND	ND	ND	<2.5	ND	<2.5	ND	NA	NA	NA	
Oct-92	7.3	260	--	--	<50	2	4	<0.5	<0.5	ND	ND	ND	NA	ND	1	ND	NA	NA	NA	
Apr-92	8.0	400	--	--	140	<2.0	19	<2.0	<2.0	ND	ND	ND	21	ND	<2.0	ND	NA	NA	NA	
Jul-91	4.6	110	--	--	49	<0.5	2	<0.5	<0.5	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	
Apr-91	<2.0	160	--	--	63	<2.0	<2.0	<2.0	<2.0	ND	ND	ND	<2.0	ND	<2.0	ND	NA	NA	NA	
Jan-91	1.0	100	--	--	58	<1.0	1	<1.0	<1.0	ND	ND	ND	<1.0	ND	<1.0	ND	NA	NA	NA	
Oct-90	2.8	100	--	--	50	<0.5	4	<0.5	<0.5	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	
Jul-90	<2.0	120	--	--	30	<2.0	<2.0	<2.0	<2.0	ND	ND	ND	<2.0	ND	<2.0	ND	NA	NA	NA	
Apr-90	3.0	99	--	--	28	<0.5	1	<0.5	<0.5	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	
Feb-90	2.6	76	--	--	20	<0.5	1	<0.5	<0.5	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	
Oct-89	7	250	--	--	65	2	7	2	<1.0	--	--	--	3	ND	8	--	--	--	--	
Aug-89	14	340	--	--	62	<1.0	10	4	1	--	--	--	5	ND	<1.0	--	--	--	--	
Feb-89	<10	200	--	--	24	<10	<10	<10	<10	--	--	--	<10	ND	<10	--	--	--	--	
Nov-88	7	260	--	--	<2.0	<2.0	7	<2.0	<2.0	--	--	--	4	ND	9	--	--	--	--	
Aug-88	9.0	370	--	--	180	<5.0	10	<5.0	<5.0	--	--	--	25	ND	<5.0	--	--	--	--	
Jan-88	23	570	--	--	330	<5.0	18	<5.0	<5.0	--	--	--	27	ND	<5.0	--	--	--	--	
Oct-87	9.8	690	--	--	350	<5.0	17	<5.0	<5.0	--	--	--	<5.0	ND	<5.0	--	--	--	--	
Oct-87	<0.5	830	--	--	290	<1.0	<0.5	<0.5	&											

Historic Groundwater Volatile Organic Compound Results
Former TRW Microwave Facility
825 Stewart Drive, Sunnyvale, California

Well Number/ Dates	PCE ($\mu\text{g/L}$)	TCE ($\mu\text{g/L}$)	cis- 1,2-DCE ($\mu\text{g/L}$)	trans- 1,2-DCE ($\mu\text{g/L}$)	Total 1,2-DCE ($\mu\text{g/L}$)	VC ($\mu\text{g/L}$)	1,1,1-TCA ($\mu\text{g/L}$)	1,1-DCE ($\mu\text{g/L}$)	1,1-DCA ($\mu\text{g/L}$)	CDM ($\mu\text{g/L}$)	Freon 11 ($\mu\text{g/L}$)	Freon 12 ($\mu\text{g/L}$)	Freon 113 ($\mu\text{g/L}$)	BFM ($\mu\text{g/L}$)	1,2-DCB ($\mu\text{g/L}$)	CBN ($\mu\text{g/L}$)	BEN ($\mu\text{g/L}$)	EBN ($\mu\text{g/L}$)	TOL ($\mu\text{g/L}$)	XYL ($\mu\text{g/L}$)
Drinking Water Standard	5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-9A ZA																				
Apr-08	<5.0	61	110	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15	
Oct-07	<5.0	120	130	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15	
May-07	<5.0	98	92	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15	
Jan-07	<5.0	130	120	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15	
Oct-06	<5.0	100	100	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15	
Jul-06	<5.0	60	130	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15	
Apr-06	<5.0	47	190	8.1	--	6.8	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15	
Jan-06	<5.0	56	140	<5.0	--	21	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15	
Oct-05	<5.0	56	170	<5.0	--	7.3	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15	
Jul-05	<5.0	140	90	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15	
Apr-05	<5.0	7.5	320	<5.0	--	8.2	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15	
Jan-05	<5.0	120	92	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15	
Oct-04	<5.0	110	74	<5.0	--	5.3	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15	
Apr-04	2.9	85	81	2.3	--	7.2	<1.0	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	
Jan-04	<5.0	92	56	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<10	
Oct-03	<5.0	120	81	<5.0	--	24	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<10	
Apr-03	1.8	120	87	1.4	--	<2.0	1.1	<1.0	<1.0	NA	<2.0	<2.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	
Oct-02	<5.0	110	66	<5.0	--	8.1	<5.0	<5.0	<5.0	<10	<10	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Jul-02	<2.5	120	95	<2.5	--	7.3	<2.5	<2.5	<2.5	ND	<5.0	<2.5	ND	<2.5	<2.5	NA	NA	NA	NA	
Apr-02	3.0	130	100	<2.5	--	9.0	<2.5	<2.5	<2.5	ND	<5.0	<2.5	ND	3.0	<2.5	NA	NA	NA	NA	
Jan-02	3.0	140	110	<2.5	--	11	<2.5	<2.5	<2.5	ND	<5.0	<2.5	ND	3.9	<2.5	NA	NA	NA	NA	
Oct-01	<5.0	110	87	<5.0	--	<5.0	<5.0	<5.0	<5.0	ND	<10	<20	<20	<5.0	<5.0	NA	NA	NA	NA	
Aug-01	<5.0	120	110	<5.0	--	<5.0	<5.0	<5.0	<5.0	ND	<5.0	<25	ND	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Oct-00	<10	140	110	<10	--	<10	<10	<10	<10	ND	<10	<10	ND	<10	<10	NA	NA	NA	NA	
Oct-00 Dup	<10	140	110	<10	--	<10	<10	<10	<10	ND	<10	<10	ND	<10	<10	NA	NA	NA	NA	
Oct-99	3.5	130	100	2.2	--	<2.0	2.4	<2.0	<2.0	ND	ND	ND	<2.0	<2.0	<2.0	NA	NA	NA	NA	
Apr-99	<10	140	140	<10	--	<10	<10	<10	<10	ND	<10	<10	ND	<10	<10	NA	NA	NA	NA	
Oct-98	3.4	130	150	2.1	--	<2.0	2.6	<2.0	<2.0	ND	ND	ND	<2.0	6.0	<2.0	NA	NA	NA	NA	
Apr-98	<5.0	150	170	<5.0	--	<5.0	<5.0	<5.0	<5.0	ND	ND	ND	<20	<5.0	<5.0	NA	NA	NA	NA	
Oct-97	<10	210	290	<10	--	<10	<10	<10	<10	ND	<10	<10	ND	<20	<10	NA	NA	NA	NA	
Apr-97	5.0	200	250	16	--	1.4	3.9	1.9	1.7	ND	ND	ND	3.3	ND	9.8	ND	NA	NA	NA	
Oct-96	4.2	190	270	3.5	--	<1.0	4.4	2.7	1.7	ND	ND	ND	2.8	ND	11	ND	NA	NA	NA	
Apr-96	6.2	240	--	--	293	<2.5	5.3	2.7	<2.5	ND	ND	ND	<2.5	ND	12	ND	NA	NA	NA	
Oct-95	5.7	210	--	--	252.9	<5.0	5.4	3.2	<2.5	ND	ND	ND	3.5	ND	14	ND	NA	NA	NA	
Apr-95	4.7	180	--	--	170	<6.0	3.8	<3.0	<3.0	ND	ND	ND	<3.0	ND	12	ND	NA	NA	NA	
Oct-94	<25	260	--	--	160	<25	<25	<25	<25	ND	ND	ND	<25	ND	<25	ND	NA	NA	NA	
Apr-94	9.2	270	--	--	263	6.7	12	9.1	2.3	ND	ND	ND	<0.5	ND	22	ND	NA	NA	NA	
Oct-93	7.0	330	--	--	320	<10	8.0	<5.0	<5.0	ND	ND	ND	8.0	ND	17	ND	NA	NA	NA	
Apr-93	8.0	420	--	--	240	30	8.0	<5.0	<5.0	ND	ND	ND	5.0	ND	16	ND	NA	NA	NA	
Oct-92	13	470	--	--	233	8.7	9.3	5.8	3.2	ND	ND	ND	NA	ND	21	ND	NA	NA	NA	
Apr-92	16	740	--	--	380	<5.0	18	<5.0	<5.0	ND	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA	
Jan-92	22	850	--	--	770	<5.0	24	<5.0	<5.0	ND	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA	
Jul-91	26	720	--	--	580	<5.0	17	<5.0	<5.0	ND	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA	
Apr-91	20	1,000	--	--	940	<10	<10	<10	<10	ND	ND	ND	<10	ND	22	ND	NA	NA	NA	
Jan-91	30	1,700	--	--	700	<10	10	10	<10	ND	ND	ND	<10	ND	<10	ND	NA	NA	NA	
Oct-90	20	1,400	--	--	930	<10	<10	<10	<10	ND	ND	ND	<10	ND	<10	ND	NA	NA	NA	
Jul-90	45	1,100	--	--	880	64	8.0	<5.0	<5.0	ND	ND	ND	<5.0	ND	11	ND	NA	NA	NA	
Apr-90	30	2,600	--	--	1,500	120	<20	<20	<20	ND	ND	ND	<20	ND	<20	ND	NA	NA	NA	
Feb-90	<50	2,800	--	--	200	<50	<50	<50	<50	ND	ND	ND	<50	ND	<50	ND	NA	NA	NA	
Oct-89	69	820	--	--	770	200	14	3	<2.0	--	--	--	<2.0	ND	110	--	--	--	--	
May-88	25	1,000	--	--	710	170	26	13	<5.0	--	--	--	24	ND	63	--	--	--	--	
Jan-88	<25	1,700	--	--	1,400	230	<25	<25	<25	--	--	--	<25	ND	<25	--	--	--	--	
Oct-87	44	770	--	--	430	220	22	<5.0	<5.0	--	--	--	55	ND	<5.0	--	--	--	--	
Jul-87	<10	1,000	--	--	1,400	390	13	<10	<10	--	--	--	18	ND	36	--	--	--	--	
Jul-86	21	1,100	--	--	1,200	540	<10	<10	<10	--	--	--	<10	ND	82	--	--	--	--	
Apr-86	<10	1,100	--	--	1,600	780	<10	<10	<10	--	--	--	<10	ND	<10	--	--	--	--	
Mar-86	<10	2,500	--	--	2,000	<10	<10	<10	<10	--	--	--	NA	ND	<10	--	--	--	--	
Mar-86	<10	1,700	--	--	2,100	<10	<10	<10	<10	--	--	--	NA	ND	<10	--	--	--	--	
Mar-86	120	1,100	--	--	2,500	710	<10	<10	<10	--	--	--	NA	ND	<10	--	--	--	--	
Oct-85	320	5,600	--	--	<50	<50	60	<50	<50	--	--	--	1,200	ND	<50	--	--	--	--	
Nov-84	31	1,800	--	--	4,200	NA	12	NA</												

Historic Groundwater Volatile Organic Compound Results
Former TRW Microwave Facility
825 Stewart Drive, Sunnyvale, California

Well Number/ Dates	PCE ($\mu\text{g/L}$)	TCE ($\mu\text{g/L}$)	cis- 1,2-DCE ($\mu\text{g/L}$)	trans- 1,2- DCE ($\mu\text{g/L}$)	Total 1,2-DCE ($\mu\text{g/L}$)	VC ($\mu\text{g/L}$)	1,1,1- TCA ($\mu\text{g/L}$)	1,1- DCE ($\mu\text{g/L}$)	1,1- DCA ($\mu\text{g/L}$)	CDM ($\mu\text{g/L}$)	Freon 11 ($\mu\text{g/L}$)	Freon 12 ($\mu\text{g/L}$)	Freon 113 ($\mu\text{g/L}$)	BFM ($\mu\text{g/L}$)	1,2- DCB ($\mu\text{g/L}$)	CBN ($\mu\text{g/L}$)	BEN ($\mu\text{g/L}$)	EBN ($\mu\text{g/L}$)	TOL ($\mu\text{g/L}$)	XYL ($\mu\text{g/L}$)
Drinking Water Standard	5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-13A ZA																				
May-08	<100	<100	<100	<100	--	<100	<100	<100	<100	<100	<200	<100	<100	<200	<100	<100	<100	9,500	<200	
Apr-08	<50	<50	<50	<50	--	<50	<50	<50	<50	NA	<50	<50	NA	<50	<50	<50	<50	2,300	<150	
Jan-08	<5.0	27	120	<5.0	--	50	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.1	NA	58	<5.0	6.8	<5.0	19.4
Oct-07	<5.0	48	260	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
Jul-07	<5.0	180	64	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
Apr-07	<5.0	200	75	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
Jan-07	6.2	300	120	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
Oct-06	<5.0	210	99	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
Jul-06	<5.0	200	120	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
Apr-06	<5.0	180	140	6.2	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
Jan-06	<5.0	210	98	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
Nov-05	<5.0	200	98	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
T-14A ZA																				
Apr-08	<5.0	23	86	<5.0	--	16	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	9.9	<5.0	<5.0	51	<15
Jan-08	<5.0	12	160	<5.0	--	50	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	16	<5.0	<5.0	<5.0	<15
Oct-07	<5.0	54	200	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
Jul-07	<5.0	120	51	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
Apr-07	<5.0	160	58	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
Oct-06	<5.0	200	57	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
Apr-06	6.8	140	92	8	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
Jan-06	<5.0	150	63	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
Nov-05	<5.0	130	59	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
T-15A ZA																				
Apr-08	<5.0	120	60	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
Apr-08 Dup	<5.0	120	60	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
Jan-08	<5.0	150	80	<5.0	--	6.8	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
Oct-07	<5.0	160	75	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
Jul-07	<5.0	130	63	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
May-07	<5.0	140	66	<5.0	--	8.2	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
Jan-07	5.2	170	87	<5.0	--	7.4	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
Oct-06	<5.0	140	66	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
Jul-06	<5.0	130	91	<5.0	--	8.2	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
Apr-06	<5.0	51	140	11	--	29	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
Jan-06	<5.0	<5.0	110	<5.0	--	83	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
Nov-05	<5.0	8.2	160	<5.0	--	37	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15

Historic Groundwater Volatile Organic Compound Results
Former TRW Microwave Facility
825 Stewart Drive, Sunnyvale, California

Well Number/ Dates	PCE (µg/L)	TCE (µg/L)	cis- 1,2-DCE (µg/L)	trans- 1,2- DCE (µg/L)	Total 1,2-DCE (µg/L)	VC (µg/L)	1,1,1- TCA (µg/L)	1,1- DCE (µg/L)	1,1- DCA (µg/L)	CDM (µg/L)	Freon 11 (µg/L)	Freon 12 (µg/L)	Freon 113 (µg/L)	BFM (µg/L)	1,2- DCB (µg/L)	CBN (µg/L)	BEN (µg/L)	EBN (µg/L)	TOL (µg/L)	XYL (µg/L)
Drinking Water Standard	5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-16A ZA																				
Apr-08	<5.0	46	100	<5.0	--	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.1	NA	<5.0	<5.0	<5.0	<5.0	<15	
Oct-07	<5.0	79	160	<5.0	--	8.8	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.1	NA	<5.0	<5.0	<5.0	<5.0	<15	
May-07	<5.0	120	71	<5.0	--	7.3	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Oct-06	<5.0	80	100	<5.0	--	8.2	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Apr-06	<5.0	17	160	9.5	--	26	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Jan-06	<5.0	20	120	<5.0	--	45	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Nov-05	<5.0	24	160	<5.0	--	32	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
T-19A ZA																				
May-08	<200	<200	<200	<200	--	<200	<200	<200	<200	<200	<200	<400	<200	<400	<200	<200	<200	15,000	<400	
Apr-08	<250	<250	<250	<250	--	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	24,000	<750	
Jan-08	<5.0	<5.0	32	<5.0	--	17	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	12	<5.0	
Oct-07	<5.0	53	140	<5.0	--	8	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Sep-07	<5.0	140	55	<5.0	--	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
T-23A ZA																				
Apr-08	<50	<50	<50	<50	--	<50	<50	<50	NA	<50	<50	NA	<50	NA	<50	<50	<50	190	<150	
Jan-08	<5.0	80	160	<5.0	--	160	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	12	36	
Oct-07	<5.0	130	120	<5.0	--	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Sep-07	7.7	210	21	<5.0	--	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
T-25A ZA																				
Apr-08	<5.0	29	<5.0	<5.0	--	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	170	<15	
Jan-08	<5.0	38	60	<5.0	--	16	140	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Oct-07	<5.0	66	160	<5.0	--	9.6	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Sep-07	5.5	160	52	<5.0	--	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	

Historic Groundwater Volatile Organic Compound Results
Former TRW Microwave Facility
825 Stewart Drive, Sunnyvale, California

Well Number/ Dates	PCE (µg/L)	TCE (µg/L)	cis- 1,2-DCE (µg/L)	trans- 1,2- DCE (µg/L)	Total 1,2-DCE (µg/L)	VC (µg/L)	1,1,- TCA (µg/L)	1,1- DCE (µg/L)	1,1- DCA (µg/L)	CDM (µg/L)	Freon 11 (µg/L)	Freon 12 (µg/L)	Freon 113 (µg/L)	BFM (µg/L)	1,2- DCB (µg/L)	CBN (µg/L)	BEN (µg/L)	EBN (µg/L)	TOL (µg/L)	XYL (µg/L)
Drinking Water Standard	5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
36S ZA																				
Oct-07+	1.5	70	15	0.9	--	<0.7	<0.7	0.8	<0.7	ND	ND	ND	<0.7	ND	<0.7	<0.7	NA	NA	NA	NA
Oct-06+	2.6	98	20	0.9	--	<0.5	0.9	0.6	<0.5	ND	ND	ND	0.8	ND	<0.5	<0.5	NA	NA	NA	NA
Oct-05+	2.1	91	22	0.8	--	<1.0	1.1	0.6	<0.5	ND	ND	ND	0.6	ND	<0.5	<0.5	NA	NA	NA	NA
Oct-04+	1.8	91	34	1.1	--	<0.5	1.1	0.6	0.5	ND	ND	ND	1.9	ND	<0.5	<0.5	NA	NA	NA	NA
Oct-03+	1.7	100	53	1.6	--	1.1	1.2	0.7	0.7	ND	ND	ND	<1.0	ND	<0.5	<0.5	NA	NA	NA	NA
Oct-02+	1.8	140	70	1.9	--	<0.5	1.7	0.8	0.7	ND	ND	ND	1.2	ND	<0.5	<0.5	NA	NA	NA	NA
Oct-01+	2.1	140	110	2.8	--	<0.5	2.5	1.1	1.0	ND	ND	ND	1.8	ND	<0.5	<0.5	NA	NA	NA	NA
Oct-00+	1.3	83	100	5.6	--	<1.0	1.6	1.2	0.9	ND	ND	ND	1.8	ND	<0.5	<0.5	NA	NA	NA	NA
Oct-99	1.2	50	83	4.4	--	<1.0	1.7	<1.0	<1.0	ND	ND	ND	1.0	ND	<1.0	<1.0	NA	NA	NA	NA
Oct-97+	<0.5	20	16	5.2	--	<0.5	<0.5	<0.5	<0.5	ND	ND	ND	<0.5	ND	<0.5	<0.5	NA	NA	NA	NA
Oct-96	0.7	25	6.1	3.0	--	<0.5	<0.5	<0.5	<0.5	ND	ND	ND	<0.5	ND	<0.5	<0.5	NA	NA	NA	NA
Oct-95	<1.0	21	--	--	<1.0	<2.0	<1.0	<1.0	<1.0	ND	ND	ND	<1.0	ND	<1.0	<1.0	NA	NA	NA	NA
Oct-94	<5.0	19	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	ND	ND	ND	<5.0	ND	<5.0	<5.0	NA	NA	NA	NA
Oct-93	<2.5	66	--	--	<2.5	<5.0	<2.5	<2.5	<2.5	ND	ND	ND	<2.5	ND	<2.5	<2.5	NA	NA	NA	NA
Oct-92	2.1	35	--	--	<0.5	<1.0	<0.5	<0.5	<0.5	ND	ND	ND	NA	ND	<0.5	<0.5	NA	NA	NA	NA
Oct-89	4	130	--	--	13	<0.5	5.7	0.8	<0.5	--	--	--	2	ND	<0.5	--	--	--	--	--
May-88	3.9	140	--	--	26	<1.0	20	3.3	1.6	--	--	--	13	ND	1.8	--	--	--	--	--
Jan-88	5.8	170	--	--	15	<1.0	23	3.8	1.3	--	--	--	14	ND	<1.0	--	--	--	--	--
Oct-87	3.5	160	--	--	10	<1.0	20	2.5	1.7	--	--	--	14	ND	<1.0	--	--	--	--	--
Jun-87	<1.0	170	--	--	11	<1.0	15	1.6	<1.0	--	--	--	8.2	ND	<1.0	--	--	--	--	--
Apr-87	4	200	--	--	12	<2.5	34	6	<2.5	--	--	--	19	ND	<2.5	--	--	--	--	--
Jan-87	<10	140	--	--	<10	<10	34	<10	<10	--	--	--	28	ND	<10	--	--	--	--	--
Sep-86	5.3	200	--	--	5.75	<1.0	27.5	2.9	2.1	--	--	--	16.5	ND	7.95	--	--	--	--	--
Jul-86	3.3	59	--	--	7.7	<0.5	32	3.2	1.6	--	--	--	15	ND	<0.5	--	--	--	--	--
Apr-86	3.4	130	--	--	10	<0.5	36	3.5	1.5	--	--	--	<0.5	ND	<0.5	--	--	--	--	--
Jan-86	11	190	--	--	25	<2.0	42	3.4	<2.0	--	--	--	<2.0	ND	<2.0	--	--	--	--	--
Oct-85	<5.0	250	--	--	23	<5.0	65	<5.0	<5.0	--	--	--	90	ND	ND	--	--	--	--	--
Nov-84	4.7	150	--	--	8.8	NA	19	NA	NA	--	--	--	NA	ND	NA	--	--	--	--	--
Aug-84	8	230	--	--	12	ND	23	2	ND	--	--	--	40	ND	ND	--	--	--	--	--
Mar-84	NA	360	--	--	NA	NA	NA	NA	NA	--	--	--	NA	ND	NA	--	--	--	--	--
Aug-83	19	470	--	--	<1.0	ND	36	16	<1.0	--	--	--	<1.0	ND	ND	--	--	--	--	--
May-83	ND	82	--	--	ND	ND	ND	ND	ND	--	--	--	ND	ND	ND	--	--	--	--	--
Apr-83	13	400	--	--	23	ND	16	ND	ND	--	--	--	12	ND	ND	--	--	--	--	--
Aug-82	10	590	--	--	55	ND	19	<2.0	<2.0	--	--	--	2	ND	ND	--	--	--	--	--
Jun-82	18	710	--	--	<10	ND	42	<10	<10	--	--	--	19	ND	ND	--	--	--	--	--

Historic Groundwater Volatile Organic Compound Results
Former TRW Microwave Facility
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Well Number/ Dates	PCE ($\mu\text{g/L}$)	TCE ($\mu\text{g/L}$)	cis- 1,2-DCE ($\mu\text{g/L}$)	trans- 1,2- DCE ($\mu\text{g/L}$)	Total 1,2-DCE ($\mu\text{g/L}$)	VC ($\mu\text{g/L}$)	1,1,- TCA ($\mu\text{g/L}$)	1,1- DCE ($\mu\text{g/L}$)	1,1- DCA ($\mu\text{g/L}$)	CDM ($\mu\text{g/L}$)	Freon 11 ($\mu\text{g/L}$)	Freon 12 ($\mu\text{g/L}$)	Freon 113 ($\mu\text{g/L}$)	BFM ($\mu\text{g/L}$)	1,2- DCB ($\mu\text{g/L}$)	CBN ($\mu\text{g/L}$)	BEN ($\mu\text{g/L}$)	EBN ($\mu\text{g/L}$)	TOL ($\mu\text{g/L}$)	XYL ($\mu\text{g/L}$)
Drinking Water Standard	5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
36D ZA																				
Oct-07+	<0.5	17	6.1	<0.5	--	<0.5	<0.5	<0.5	0.8	ND	ND	<0.5	ND	<0.5	<0.5	NA	NA	NA	NA	NA
Oct-06+	2.1	92	42	1.6	--	0.6	0.9	1.0	0.7	ND	ND	1.2	ND	<0.5	<0.5	NA	NA	NA	NA	NA
Oct-05+	<0.5	4.6	1.5	<0.5	--	0.5	<0.5	<0.5	<0.5	ND	ND	<1.0	ND	<0.5	ND	NA	NA	NA	NA	NA
Oct-04+	1.6	85	46	1.7	--	2.4	1.1	0.8	0.6	ND	ND	ND	1.7	ND	0.8	ND	NA	<1.0	<1.0	<2.0
Apr-04	<1.0	45	27	2.5	--	12	<1.0	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<2.0
Oct-03+	1.7	110	57	1.5	--	0.9	1.3	0.9	0.8	ND	ND	1.1	ND	0.8	ND	NA	NA	NA	NA	NA
Apr-03	<1.0	69	40	<1.0	--	8.2	<1.0	<1.0	<1.0	NA	<2.0	<2.0	NA	<1.0	NA	<1.0	NA	<1.0	<1.0	<2.0
Oct-02+	1.8	150	90	2.3	--	<0.5	1.7	1.2	1.0	ND	ND	ND	1.9	ND	1.1	ND	NA	NA	NA	NA
Oct-01+	0.9	67	48	1.1	--	<0.5	1.2	0.6	<0.5	ND	ND	ND	1.4	<1.0	<0.5	ND	NA	NA	NA	NA
Oct-00+	1.6	110	97	2.2	--	<1.0	1.9	1.0	0.8	ND	ND	ND	1.6	ND	0.7	ND	NA	NA	NA	NA
Oct-00 Dup+	1.6	100	91	2.5	--	<1.0	1.8	1.1	0.7	ND	ND	ND	1.5	ND	0.7	ND	NA	NA	NA	NA
Oct-99	<2.0	85	120	2.7	--	<2.0	2.6	<2.0	<2.0	ND	ND	ND	<2.0	ND	<2.0	ND	NA	NA	NA	NA
Apr-98+	<5.0	81	130	<5.0	--	<5.0	NA	<5.0	<5.0	ND	ND	ND	<20	ND	<5.0	ND	NA	NA	NA	NA
Oct-97+	<0.5	52	91	1.2	--	<0.5	2.1	<0.5	0.9	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA
Oct-96	1.2	48	34	<0.5	--	<0.5	<0.5	<0.5	<0.5	ND	ND	ND	<0.5	ND	0.6	ND	NA	NA	NA	NA
Oct-95	<1.0	25	--	--	2.1	<2.0	<1.0	<1.0	<1.0	ND	ND	ND	<1.0	ND	<1.0	ND	NA	NA	NA	NA
Oct-94	<5.0	66	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	ND	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA	NA
Oct-93	<5.0	94	--	--	<5.0	<10	<5.0	<5.0	<5.0	ND	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA	NA
Oct-92	2.1	92	--	--	6.4	<1.0	1.0	<0.5	<0.5	ND	ND	ND	NA	ND	1.6	ND	NA	NA	NA	NA
Apr-92	4.0	180	--	--	25	<1.0	3.0	1.0	2.0	ND	ND	ND	<1.0	ND	<1.0	ND	NA	NA	NA	NA
Jan-92	1.6	170	--	--	48	<1.0	2.9	<1.0	<1.0	ND	ND	ND	<1.0	ND	1.6	ND	NA	NA	NA	NA
Oct-91	2.5	120	--	--	41	<0.5	2.2	1.8	1.2	ND	ND	ND	0.6	ND	2.3	ND	NA	NA	NA	NA
Jul-91	2.0	130	--	--	32	<1.0	1.0	<1.0	1.0	ND	ND	ND	1.0	ND	3.0	ND	NA	NA	NA	NA
Apr-91	<2.0	180	--	--	48	<2.0	<2.0	<2.0	<2.0	ND	ND	ND	<2.0	ND	<2.0	ND	NA	NA	NA	NA
Jan-91	2.0	120	--	--	39	<1.0	1.0	1.0	1.0	ND	ND	ND	<1.0	ND	3.0	ND	NA	NA	NA	NA
Oct-90	2.6	120	--	--	37	<0.5	2.7	<0.5	<0.5	ND	ND	ND	<0.5	ND	2.1	ND	NA	NA	NA	NA
Jul-90	2.7	110	--	--	31	<0.5	2.7	1.3	0.9	ND	ND	ND	1.3	ND	5.0	ND	NA	NA	NA	NA
Apr-90	3.0	170	--	--	18	<1.0	2.0	1.0	<1.0	ND	ND	ND	<1.0	ND	4.0	ND	NA	NA	NA	NA
Jan-90	3.0	170	--	--	26	<1.0	4.0	2.0	<1.0	ND	ND	ND	1.0	ND	4.0	ND	NA	NA	NA	NA
Oct-89	4.3	120	--	--	23	<0.5	9.6	2.7	0.8	--	ND	--	7.4	ND	<0.5	--	--	--	--	--
Aug-89	4	200	--	--	27	<2.0	10	6	<2.0	--	ND	--	7	ND	8	--	--	--	--	--
May-89	<2.5	<2.5	--	--	<2.5	<2.5	<2.5	<2.5	<2.5	--	ND	--	<2.5	ND	<2.5	--	--	--	--	--
Feb-89	<5.0	180	--	--	36	<5.0	8	<5.0	<5.0	--	ND	--	12	ND	<5.0	--	--	--	--	--
Feb-89	<2.0	61	--	--	21	<2.0	4	<2.0	<2.0	--	ND	--	<2.0	ND	5	--	--	--	--	--
Feb-89	<2.0	51	--	--	17	<2.0	3	<2.0	<2.0	--	ND	--	<2.0	ND	3	--	--	--	--	--
Nov-88	3.2	180	--	--	37	<1.0	14	3.5	1.6	--	ND	--	16	ND	13	--	--	--	--	--
Aug-88	5	150	--	--	53	<1.0	30	5.6	2.8	--	ND	--	34	ND	11	--	--	--	--	--
May-88	4.2	170	--	--	47	<1.0	31	5.5	2.6	--	ND	--	20	ND	11	--	--	--	--	--
Jan-88	4.1	100	--	--	20	<1.0	34	3.5	1.9	--	ND	--	30	ND	9.4	--	--	--	--	--
Oct-87	3.3	68	--	--	16	<0.5	29	3.4	2.3	--	ND	--	22	ND	14	--	--	--	--	--
Jun-87	5.9	170	--	--	14	<1.0	22	2.9	1.9	--	ND	--	21	ND	24	--	--	--	--	--
Apr-87	3	160	--	--	13	<1.0	25	4.7	1.7	--	ND	--	16	ND	18	--	--	--	--	--
Jan-87	<10	170	--	--	<10	<10	28	<10	<10	--	ND	--	54	ND	<10	--	--	--	--	--
Sep-86	20	170	--	--	8.6	<1.0	40	5.1	3.5	--	ND	--	17	ND	18	--	--	--	--	--
Jul-86	3.6	60	--	--	10	<0.5	43	4.8	2.3	--	ND	--	25	ND	<0.5	--	--	--	--	--
Apr-86	3	130	--	--	12	<0.5	39	4.3	1.9	--	ND	--	<0.5	ND	<0.5	--	--	--	--	--
Oct-85	16	220	--	--	17	<5.0	77	<5.0	<5.0	--	ND	--	120	ND	<5.0	--	--	--	--	--
Nov-84	4.2	160	--	--	10	NA	26	NA	NA	--	ND	--	NA	ND	NA	--	--	--	--	--
Aug-84	6	180	--	--	12	ND	19	2	ND	--	ND	--	30	ND	ND	--	--	--	--	--
Mar-84	NA	260	--	--	NA	NA	NA	NA	NA	--	ND	--	NA	ND	NA	--	--	--	--	--
Aug-83	15	600	--	--	18	NA	36	13	16	--	ND	--	<1.0	ND	NA	--	--	--	--	--
Jul-83	8	650	--	--	38	ND	18	2	2	--	ND	--	ND	ND	ND	--	--	--	--	--
May-83	14	9,200	--	--	ND	ND	18	ND	ND	--	ND	--	ND	ND	ND	--	--	--	--	--
Aug-82	6.8	500	--	--	52	ND	19	<2.0	<2.0	--	ND	--	<2.0	ND	ND	--	--	--	--	--
Jul-82	<5.0	210	--	--	<5.0	ND	<5.0	<5.0	<5.0	--	ND	--	<5.0	ND	ND	--	--	--	--	--

Historic Groundwater Volatile Organic Compound Results
Former TRW Microwave Facility
825 Stewart Drive, Sunnyvale, California

Well Number/ Dates	PCE (µg/L)	TCE (µg/L)	cis- 1,2-DCE (µg/L)	trans- 1,2- DCE (µg/L)	Total 1,2-DCE (µg/L)	VC (µg/L)	1,1,1- TCA (µg/L)	1,1- DCE (µg/L)	1,1- DCA (µg/L)	CDM (µg/L)	Freon 11 (µg/L)	Freon 12 (µg/L)	Freon 113 (µg/L)	BFM (µg/L)	1,2- DCB (µg/L)	CBN (µg/L)	BEN (µg/L)	EBN (µg/L)	TOL (µg/L)	XYL (µg/L)
Drinking Water Standard	5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
37S ZA																				
Oct-07+	1.0	81	2.4	<0.5	--	<0.5	<0.5	<0.5	<0.7	ND	ND	ND	1.8	ND	<0.5	<0.5	NA	NA	NA	NA
Oct-05+	1.0	91	5.2	<0.7	--	<0.7	<0.7	<0.7	<0.7	ND	ND	ND	<1.4	ND	<0.7	ND	NA	NA	NA	NA
Oct-04+	1.2	11	3.3	<0.7	--	<0.7	<0.7	<0.7	<0.7	ND	ND	ND	1.9	ND	<0.7	ND	NA	NA	NA	NA
Oct-03+	1.3	160	2.9	<0.6	--	<0.6	<0.6	<0.6	<0.6	ND	ND	ND	<1.3	ND	<0.6	ND	NA	NA	NA	NA
Oct-02+	0.9	170	3.7	<0.7	--	<0.7	<0.7	<0.7	<0.7	ND	ND	ND	<1.4	ND	<0.7	ND	NA	NA	NA	NA
Oct-01	<5.0	140	<5.0	<5.0	--	<5.0	<5.0	<5.0	<5.0	ND	ND	ND	<20	ND	<5.0	ND	NA	NA	NA	NA
Oct-00+	1.2	200	9.7	<0.5	--	1.8	<0.5	<0.5	<0.5	ND	ND	ND	2.1	ND	<0.5	ND	NA	NA	NA	NA
Oct-99	<5.0	180	<5.0	<5.0	--	<5.0	<5.0	<5.0	<5.0	ND	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA	NA
Oct-97+	<2.5	260	12	<2.5	--	<2.5	<2.5	<2.5	<2.5	ND	ND	ND	<2.5	ND	<2.5	ND	NA	NA	NA	NA
Oct-96	1.2	270	6.3	<1.0	--	<1.0	<1.0	<1.0	<1.0	ND	ND	ND	2.0	ND	<1.0	ND	NA	NA	NA	NA
Oct-95	<1.0	380	--	--	7.1	<2.0	<1.0	<1.0	<1.0	ND	ND	ND	3.8	ND	<1.0	ND	NA	NA	NA	NA
Oct-94	<5.0	330	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	ND	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA	NA
Oct-93	<5.0	400	--	--	8.0	<10	<5.0	<5.0	<5.0	ND	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA	NA
Jun-88	<1.0	150	--	--	170	<1.0	5.8	<1.0	<1.0	--	--	ND	<1.0	ND	<1.0	--	--	--	--	--
Jan-88	<10	1,100	--	--	34	<10	<10	<10	<10	--	--	ND	95	ND	<10	--	--	--	--	--
Jan-87	<5.0	600	--	--	25	<5.0	<5.0	<5.0	<5.0	--	--	ND	52	ND	<5.0	--	--	--	--	--
Nov-84	6.6	1,300	--	--	32	NA	NA	NA	NA	--	--	ND	NA	ND	NA	--	--	--	--	--
Aug-84	8	760	--	--	52	ND	4	ND	ND	--	--	ND	ND	ND	ND	--	--	--	--	--
Mar-84	NA	1,400	--	--	NA	NA	NA	NA	NA	--	--	ND	NA	ND	NA	--	--	--	--	--
Sep-83	37	4,200	--	--	290	NA	4	ND	ND	--	--	ND	190	ND	NA	--	--	--	--	--
Sep-83	47	3,500	--	--	240	NA	5	ND	ND	--	--	ND	14	ND	NA	--	--	--	--	--
Aug-83	34	41,000	--	--	4,600	5	13	2.0	1.6	--	--	ND	<1.0	ND	ND	--	--	--	--	--
May-83	ND	270	--	--	17	ND	ND	ND	ND	--	--	ND	ND	ND	ND	--	--	--	--	--
Apr-83	10	330	--	--	77	ND	ND	ND	ND	--	--	ND	120	ND	ND	--	--	--	--	--
Aug-82	9	1,400	--	--	27	ND	13	<2.0	<2.0	--	--	ND	78	ND	ND	--	--	--	--	--
Jun-82	<10	2,600	--	--	<10	ND	<10	<10	<10	--	--	ND	370	ND	ND	--	--	--	--	--

Historic Groundwater Volatile Organic Compound Results
Former TRW Microwave Facility
825 Stewart Drive, Sunnyvale, California

Well Number/ Dates	PCE ($\mu\text{g/L}$)	TCE ($\mu\text{g/L}$)	cis- 1,2-DCE ($\mu\text{g/L}$)	trans- 1,2-DCE ($\mu\text{g/L}$)	Total 1,2-DCE ($\mu\text{g/L}$)	VC ($\mu\text{g/L}$)	1,1,1-TCA ($\mu\text{g/L}$)	1,1-DCE ($\mu\text{g/L}$)	1,1-DCA ($\mu\text{g/L}$)	CDM ($\mu\text{g/L}$)	Freon 11 ($\mu\text{g/L}$)	Freon 12 ($\mu\text{g/L}$)	Freon 113 ($\mu\text{g/L}$)	BFM ($\mu\text{g/L}$)	1,2-DCB ($\mu\text{g/L}$)	CBN ($\mu\text{g/L}$)	BEN ($\mu\text{g/L}$)	EBN ($\mu\text{g/L}$)	TOL ($\mu\text{g/L}$)	XYL ($\mu\text{g/L}$)
Drinking Water Standard	5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
38S ZA																				
Oct-07	1.3	85	50	0.82	--	16	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	0.61	<1.0	<0.5	<1.0	<0.5	<0.5	<0.5	<1.0
Oct-06	1.5	130	33	<1.0	--	5.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
Oct-05	2.0	140	68	1.5	--	14	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
Oct-04	<5.0	190	190	<5.0	--	6.9	<5.0	<5.0	<5.0	<5.0	<10	<10	<5.0	<20	<5.0	<5.0	NA	NA	NA	NA
Oct-03	<1.0	51	110	1.2	--	21	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0	<4.0	<1.0	<1.0	NA	NA	NA	NA
Oct-02	2.6	240	200	6.3	--	8.6	<2.0	<2.0	<2.0	<2.0	<4.0	<4.0	3.5	<8.0	<2.0	<2.0	NA	NA	NA	NA
Oct-01	<5.0	170	120	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<20	<5.0	<5.0	NA	NA	NA	NA	
Oct-00	<20	240	240	<20	--	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	NA	NA	NA	NA
Oct-99	<5.0	270	240	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	ND	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA
Oct-97+	<5.0	160	520	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	ND	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA
Oct-96	<1.7	440	540	4.0	--	<1.7	2.7	<1.7	ND	ND	ND	ND	2.9	ND	<1.7	ND	NA	NA	NA	NA
Oct-95	<10	1,100	--	--	180	<20	<10	<10	<10	ND	ND	ND	<10	ND	<10	ND	NA	NA	NA	NA
Oct-94	<5.0	910	--	--	190	<5.0	<5.0	<5.0	<5.0	ND	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA	NA
May-88	<25	3,400	--	--	240	<25	<25	<25	<25	ND	--	95	ND	<25	--	--	--	--	--	--
Jan-88	<50	2,900	--	--	240	<50	<50	<50	<50	ND	--	<50	ND	<50	--	--	--	--	--	--
Oct-87	<25	2,400	--	--	270	<25	<25	<25	<25	ND	--	100	ND	<25	--	--	--	--	--	--
Jun-87	260	2,200	--	--	910	<10	13	<10	<10	ND	--	83	ND	<10	--	--	--	--	--	--
Apr-87	26	2,700	--	--	420	<10	74	<10	<10	ND	--	91	ND	<10	--	--	--	--	--	--
Jan-87	<10	2,500	--	--	220	<10	<10	<10	<10	ND	--	180	ND	<10	--	--	--	--	--	--
Sep-86	<25	4,600	--	--	120	<25	<25	<25	<25	ND	--	150	ND	<25	--	--	--	--	--	--
Jul-86	<5.0	2,800	--	--	200	<5.0	<5.0	<5.0	<5.0	ND	--	250	ND	<5.0	--	--	--	--	--	--
Oct-85	45	3,700	--	--	410	<25	33	<25	<25	ND	--	590	ND	<25	--	--	--	--	--	--
Nov-84	28	3,200	--	--	510	NA	20	NA	NA	ND	--	NA	ND	NA	--	--	--	--	--	--
Aug-84	28	1,400	--	--	1100	ND	5	3	ND	--	ND	--	ND	ND	--	--	--	--	--	--
Mar-84	NA	3,500	--	--	NA	NA	NA	NA	NA	ND	--	NA	ND	NA	--	--	--	--	--	--
Sep-83	59	2,700	--	--	970	ND	<2.0	<4.0	1	--	ND	--	140	ND	ND	--	--	--	--	--
Sep-83	72	6,300	--	--	1700	ND	<2.0	4	3	--	ND	--	120	ND	ND	--	--	--	--	--
May-83	23	2,000	--	--	350	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--
Aug-82	17	2,200	--	--	300	ND	<2.0	<2.0	<2.0	--	ND	--	35	ND	ND	--	--	--	--	--
Aug-82	76	40,000	--	--	3100	3	6.4	2	2.6	--	ND	--	<1.0	ND	ND	--	--	--	--	--
Jun-82	<10	1,250	--	--	<10	ND	<10	<10	<10	ND	--	103	ND	ND	--	--	--	--	--	--

Historic Groundwater Volatile Organic Compound Results
Former TRW Microwave Facility
825 Stewart Drive, Sunnyvale, California

Well Number/ Dates	PCE ($\mu\text{g/L}$)	TCE ($\mu\text{g/L}$)	cis- 1,2-DCE ($\mu\text{g/L}$)	trans- 1,2- DCE ($\mu\text{g/L}$)	Total 1,2-DCE ($\mu\text{g/L}$)	VC ($\mu\text{g/L}$)	1,1,1- TCA ($\mu\text{g/L}$)	1,1- DCE ($\mu\text{g/L}$)	1,1- DCA ($\mu\text{g/L}$)	CDM ($\mu\text{g/L}$)	Freon 11 ($\mu\text{g/L}$)	Freon 12 ($\mu\text{g/L}$)	Freon 113 ($\mu\text{g/L}$)	BFM ($\mu\text{g/L}$)	1,2- DCB ($\mu\text{g/L}$)	CBN ($\mu\text{g/L}$)	BEN ($\mu\text{g/L}$)	EBN ($\mu\text{g/L}$)	TOL ($\mu\text{g/L}$)	XYL ($\mu\text{g/L}$)
Drinking Water Standard	5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
DUCTOR ZA																				
Apr-08	840	28,000	15,000	230	--	<5.0	<5.0	59	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	5,000	5.2	620	17	2,250
Oct-07	55	3,500	8,300	120	--	15,000	<5.0	30	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	4,200	<5.0	<500	13	1,300
Apr-07	<5.0	5.1	29,000	200	--	28,000	<5.0	57	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	14	<5.0	<200	9.2	960
Oct-06	<100	<100	25,000	<100	--	9,800	<100	<100	<100	NA	<100	<100	NA	<100	NA	2,200	<100	290	<100	880
Apr-06	<5.0	<5.0	20,000	<500	--	8,500	<5.0	37	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	1,500	<5.0	160	5.7	200
Jan-06	150	4,800	2,300	30	--	12,000	<5.0	12	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	3,000	<5.0	<500	9.9	<1500
Oct-05	<250	<250	3,600	<250	--	3,900	<250	<250	<250	NA	<250	<250	NA	<250	NA	1,000	<250	<250	<250	<750
Sep-05	<250	<250	27,000	<250	--	18,000	<250	<250	<250	NA	<250	<250	NA	<250	NA	2,900	NA	NA	NA	NA
Jul-05	82	2,200	27,000	150	--	15,000	<5.0	130	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	3,600	<5.0	<500	11	1,200
Jul-05-Dup	92	2,100	27,000	180	--	14,000	<5.0	140	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	3,500	<5.0	<500	11	1,100
Apr-05	23	490	19,000	160	--	33,000	<5.0	57	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	2,900	<5.0	340	8.7	1,180
Apr-05 Dup	23	430	19,000	160	--	35,000	<5.0	66	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	2,800	<5.0	330	9.6	1,180
Jan-05	<0.5	<0.5	4,700	180	--	4,400	<5.0	9.3	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	1,900	<5.0	200	<5.0	650
Oct-04	<5.0	<5.0	<5.0	9.3	--	28	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	1,200	<5.0	120	<5.0	380
Apr-04	<1.0	<1.0	<1.0	7	--	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0
Jan-04	<10	<10	<10	<10	--	<10	<10	<10	<10	NA	<10	<10	NA	<10	NA	<10	<10	<10	<10	<20
Oct-03	14	75	34	9.6	--	560	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	340	<5.0	32	<5.0	113
Oct-03 Dup	20	110	53	12	--	550	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	300	<5.0	39	<5.0	144
Jul-03	870	15,000	3,800	210	--	24,000	<1.0	120	<1.0	NA	<2.0	<2.0	NA	<1.0	NA	97	NA	460	5.9	1,020
Jul-03 Dup	880	32,000	4,000	200	--	27,000	<1.0	120	<1.0	NA	<2.0	<2.0	NA	<1.0	NA	98	NA	490	7.2	1,030
Apr-03	<1.0	11	570	12	--	4,500	<1.0	12	<1.0	NA	<2.0	<2.0	NA	<1.0	NA	130	NA	35	1.9	63
Apr-03 Dup	<1.0	7.6	790	12	--	5,500	1.4	1.8	<1.0	NA	<2.0	<2.0	NA	<1.0	NA	110	NA	46	1.8	56
Jan-03	21	670	9,400	34	--	5,700	7.2	27	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<1.0	60	NA	NA	NA	NA
Jan-03 Dup	32	1,200	9,600	28	--	5,600	2.9	24	1.3	<1.0	<2.0	<2.0	<1.0	<1.0	<1.0	62	NA	NA	NA	NA
Oct-02	120	17,000	20,000	38	--	21,000	<1.0	32	<1.0	NA	<2.0	<2.0	NA	<1.0	NA	40	2.9	62	4.0	249
Jul-02	62	2,600	6,400	30	--	2,400	<1.0	19	<1.0	NA	<2.0	<2.0	NA	ND	NA	13	NA	<50	<50	<100
Mar-02	170	3,800	8,000	<50	--	540	<50	NA	<50	NA	<50	<50	NA	ND	NA	<50	NA	<50	<50	<100
Jan-02	1,400	80,000	17,000	110	--	1,200	<50	<50	<50	NA	<50	<50	NA	ND	NA	400	NA	<50	<50	1,170
Nov-01	150	5,000	5,600	48	--	750	<5.0	8.0	<5.0	NA	<5.0	<5.0	NA	ND	NA	11	<5.0	42	<5.0	169
Oct-01	1,200	53,000	18,000	<1,000	--	<2,000	<1,000	<1,000	<1,000	NA	<2,000	<2,000	NA	<1,000	NA	<1,000	<1,000	<1,000	<1,000	<2,000
Aug-01	140	5,100	7,700	44	--	710	1.2	43	<1.0	NA	<2.0	<2.0	NA	ND	NA	39	NA	36	<1.0	100
Jun-01	7.9	230	15,000	140	--	6,100	15	66	3.3	NA	5.6	<2.0	NA	ND	NA	72	NA	63	3.8	97
Mar-01	19	310	14,000	110	--	1,500	12	2.0	35	NA	<2.0	<2.0	NA	ND	NA	20	NA	13	<1.0	179
Oct-00	<400	8,400	680	<400	--	<400	<400	<400	<400	NA	<400	<400	ND	<400	ND	<400	<400	<400	<400	NA
Oct-99	470	13,000	650	<250	--	<250	<250	<250	<250	ND	<250	<250	ND	<250	ND	<250	<250	<250	<250	NA
Apr-99	<1,000	11,000	<1,000	<1,000	--	<1,000	<1,000	<1,000	<1,000	ND	<1,000	<1,000	ND	<1,000	ND	<1,000	<1,000	<1,000	<1,000	NA
Oct-98	<500	17,000	740	<500	--	<500	<500	<500	<500	ND	<500	<500	ND	<500	ND	<500	<500	<500	<500	NA
Apr-98	520	20,000	810	<100	--	<100	<100	<100	<100	ND	<100	<100	ND	<400	ND	<100	<100	<100	<100	NA
Oct-97	<500	16,000	<500	<500	--	<500	<500	<500	<500	ND	<500	<500	ND	<500	ND	<1000	<500	<500	<500	NA
Apr-97	120	6,700	450	<31	--	<31	<31	<31	<31	ND	<31	<31	ND	<31	ND	<31	ND	<31	<31	NA
Oct-96	140	9,800	1,100	<50	--	<50	<50	<50	<50	ND	<50	<50	ND	<50	ND	<50	ND	<50	<50	NA
Apr-96	440	23,000	--	--	1,106	100	<5.0	6.7	<5.0	NA	<5.0	NA	ND	<5.0	ND	370	ND	ND	ND	NA
Oct-95	670	46,000	--	--	1,100	<500	<250	<250	<250	ND	<250	<250	ND	<250	ND	380	ND	ND	ND	NA
Apr-95	<200	13,000	--	--	690	<400	<200	200	200	ND	<200	<200	ND	<200	ND	<200	ND	<200	<200	NA
Oct-94	260	12,000	--	--	370	<250	<250	<250	<250	ND	<250	<250	ND	<250	ND	<250	<250	<250	<250	NA
Apr-94	810	63,000	--	--	370	49	<5.0	<5.0	<5.0	ND	<5.0	<5.0	ND	<5.0	ND	<5.0	<5.0	<5.0	<5.0	NA
Feb-94	520	28,000	--	--	150	1.0	1.5	<0.5	<0.5	ND	<0.5	<0.5	ND	<0.5	ND	10	ND	ND	ND	NA
Oct-93	730	100,000	--	--	630	<100	<50	<50	<50	ND	<50	<50	ND	<50	ND	<50	<50	<50	<50	NA
Aug-93	730	29,000	--	--	470	<100	<50	<50	<50	ND	<50	<50	ND	<100	ND	<50	<50	<50	<50	NA
Apr-93	1,200	26,000	--	--	1,103	3.5	1.9	2.2	<0.5	ND	<0.5	<0.5	ND	<0.5	ND	15	ND	ND	ND	NA
Jul-90	3.0	53	--	--	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5	ND	<0.5	ND	<0.5	<0.5	<0.5	<0.5	NA
Apr-90	<0.5	12	--	--	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5	ND	<0.5	ND	<0.5	<0.5	<0.5	<0.5	NA
Jan-90	<2.0	240	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ND	<2.0	ND	<2.0	<2.0	<2.0	<2.0	NA

Historic Groundwater Volatile Organic Compound Results
Former TRW Microwave Facility
825 Stewart Drive, Sunnyvale, California

Well Number/ Dates	PCE ($\mu\text{g/L}$)	TCE ($\mu\text{g/L}$)	cis- 1,2-DCE ($\mu\text{g/L}$)	trans- 1,2- DCE ($\mu\text{g/L}$)	Total 1,2-DCE ($\mu\text{g/L}$)	VC ($\mu\text{g/L}$)	1,1,1- TCA ($\mu\text{g/L}$)	1,1- DCE ($\mu\text{g/L}$)	1,1- DCA ($\mu\text{g/L}$)	CDM ($\mu\text{g/L}$)	Freon 11 ($\mu\text{g/L}$)	Freon 12 ($\mu\text{g/L}$)	Freon 113 ($\mu\text{g/L}$)	BFM ($\mu\text{g/L}$)	1,2- DCB ($\mu\text{g/L}$)	CBN ($\mu\text{g/L}$)	BEN ($\mu\text{g/L}$)	EBN ($\mu\text{g/L}$)	TOL ($\mu\text{g/L}$)	XYL ($\mu\text{g/L}$)
Drinking Water Standard	5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-1B ZB1																				
Per Water Board approval, well 1B was abandoned in February 2004.																				
Oct-02 Dup	<0.5	<0.5	1.7	0.76	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<2.0	<0.5	NA	NA	NA	NA	
Oct-02	<0.5	<0.5	1.8	0.79	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<2.0	<0.5	<0.5	NA	NA	NA	
Oct-01	<0.5	<0.5	1.4	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<2.0	<0.5	<0.5	NA	NA	NA	
Oct-00	<1.0	<1.0	1.5	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	ND	ND	<1.0	ND	<1.0	<1.0	NA	NA	NA	
Oct-99	<1.0	<1.0	1.4	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	ND	ND	<1.0	ND	<1.0	ND	NA	NA	NA	
Oct-98	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	ND	ND	<1.0	ND	<1.0	ND	NA	NA	NA	
Oct-97	<0.5	<0.5	1.3	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	ND	<1.0	ND	NA	NA	NA	
Oct-96	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	
Oct-95	<1.0	<1.0	--	--	<1.0	<2.0	<1.0	<1.0	<1.0	ND	ND	<1.0	ND	<1.0	ND	NA	NA	NA	NA	
Oct-94	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA	
Oct-93	<0.5	<0.5	--	--	0.7	<1.0	<0.5	<0.5	<0.5	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA	
Oct-92	<0.5	<0.5	--	--	<0.5	<1.0	<0.5	<0.5	<0.5	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA	
Apr-92	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA	
Jan-92	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA	
Oct-91	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA	
Jul-91	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA	
Apr-91	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA	
Jan-91	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA	
Oct-90	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA	
Jul-90	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA	
Apr-90	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA	
Jan-90	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA	
Oct-89	<0.5	5	--	--	1.4	<0.5	<0.5	<0.5	<0.5	ND	ND	--	<0.5	ND	<0.5	--	--	--	--	
Aug-89	<0.5	<0.5	--	--	0.6	<0.5	<0.5	<0.5	<0.5	ND	ND	--	<0.5	ND	<0.5	--	--	--	--	
May-89	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	--	<0.5	ND	<0.5	--	--	--	--	
Feb-89	<0.5	<0.5	--	--	0.6	<0.5	<0.5	<0.5	<0.5	ND	ND	--	<0.5	ND	<0.5	--	--	--	--	
Nov-88	<0.5	<0.5	--	--	1.4	<0.5	<0.5	<0.5	<0.5	ND	ND	--	<0.5	ND	<0.5	--	--	--	--	
Aug-88	<0.5	<0.5	--	--	1.6	<0.5	<0.5	<0.5	<0.5	ND	ND	--	<0.5	ND	<0.5	--	--	--	--	
May-88	<0.5	<0.5	--	--	1.3	<0.5	<0.5	<0.5	<0.5	ND	ND	--	<0.5	ND	<0.5	--	--	--	--	
Jan-88	<0.5	<0.5	--	--	0.7	<0.5	<0.5	<0.5	<0.5	ND	ND	--	<0.5	ND	<0.5	--	--	--	--	
Oct-87	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	--	<0.5	ND	<0.5	--	--	--	--	
Jun-87	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	--	<0.5	ND	<0.5	--	--	--	--	
Apr-87	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	--	<0.5	ND	<0.5	--	--	--	--	
Jan-87	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	--	<0.5	ND	<0.5	--	--	--	--	
Sep-86	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	--	<0.5	ND	<0.5	--	--	--	--	
Jul-86	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	--	<0.5	ND	<0.5	--	--	--	--	
Apr-86	<0.5	1	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	--	<0.5	ND	<0.5	--	--	--	--	
Jan-86	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	--	NA	ND	<0.5	--	--	--	--	
Oct-85	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	--	<0.5	ND	<0.5	--	--	--	--	
Nov-84	<0.5	<0.5	--	--	NA	NA	<0.5	NA	NA	--	ND	--	NA	ND	NA	--	--	--	--	
Aug-84	ND	ND	--	--	ND	ND	ND	ND	ND	--	ND	--	ND	ND	ND	--	--	--	--	
Mar-84	NA	<.5	--	--	NA	NA	NA	NA	NA	--	ND	--	NA	ND	ND	--	--	--	--	
Aug-83	<1.0	<1.0	--	--	<1	<1.0	<1.0	<1.0	<1.0	--	ND	--	<1.0	ND	<1.0	--	--	--	--	

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Well Number/ Dates	PCE ($\mu\text{g/L}$)	TCE ($\mu\text{g/L}$)	cis- 1,2-DCE ($\mu\text{g/L}$)	trans- 1,2- DCE ($\mu\text{g/L}$)	Total 1,2-DCE ($\mu\text{g/L}$)	VC ($\mu\text{g/L}$)	1,1,1- TCA ($\mu\text{g/L}$)	1,1- DCE ($\mu\text{g/L}$)	1,1- DCA ($\mu\text{g/L}$)	CDM ($\mu\text{g/L}$)	Freon 11 ($\mu\text{g/L}$)	Freon 12 ($\mu\text{g/L}$)	Freon 113 ($\mu\text{g/L}$)	BFM ($\mu\text{g/L}$)	1,2- DCB ($\mu\text{g/L}$)	CBN ($\mu\text{g/L}$)	BEN ($\mu\text{g/L}$)	EBN ($\mu\text{g/L}$)	TOL ($\mu\text{g/L}$)	XYL ($\mu\text{g/L}$)
Drinking Water Standard	5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-2B ZB1																				
Apr-08	<5.0	<5.0	40	<5.0	--	190	<5.0	<5.0	<5.0	NA	<5.0	NA	NA	6.9	<5.0	<5.0	<5.0	<5.0	<15	
Oct-07	<5.0	<5.0	11	7.8	--	270	<5.0	<5.0	<5.0	NA	<5.0	NA	NA	23	<5.0	<5.0	<5.0	<5.0	<15	
Apr-07	<5.0	<5.0	<5.0	<5.0	--	92	<5.0	<5.0	<5.0	NA	<5.0	NA	NA	31	<5.0	<5.0	<5.0	<5.0	<15	
Oct-06	<5.0	<5.0	<5.0	8.2	--	47	<5.0	<5.0	<5.0	NA	<5.0	NA	NA	49	<5.0	<5.0	<5.0	<5.0	<15	
Apr-06	<5.0	<5.0	5.9	11	--	24	<5.0	<5.0	<5.0	NA	<5.0	NA	NA	49	<5.0	<5.0	<5.0	<5.0	<15	
Jan-06	<5.0	<5.0	<5.0	7.0	--	22	<5.0	<5.0	<5.0	NA	<5.0	NA	NA	67	<5.0	<5.0	<5.0	<5.0	<15	
Oct-05	<5.0	<5.0	6.2	<5.0	--	48	<5.0	<5.0	<5.0	NA	<5.0	NA	NA	73	<5.0	<5.0	<5.0	<5.0	<15	
Jul-05	<5.0	5.1	<5.0	<5.0	--	16	<5.0	<5.0	<5.0	NA	<5.0	NA	NA	94	<5.0	<5.0	<5.0	<5.0	<15	
Apr-05	<5.0	<5.0	43	<5.0	--	360	<5.0	<5.0	<5.0	NA	<5.0	NA	NA	130	<5.0	<5.0	<5.0	<5.0	<15	
Jan-05	<5.0	<5.0	<5.0	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	NA	NA	72	<5.0	<5.0	<5.0	<5.0	<15	
Oct-04	<5.0	<5.0	<5.0	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	NA	NA	63	<5.0	<5.0	<5.0	<5.0	<15	
Apr-04	<1.0	<1.0	3.3	<1.0	--	5.4	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Jan-04	<5.0	<5.0	<5.0	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	NA	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Oct-03	<5.0	<5.0	5.2	<5.0	--	9.1	<5.0	<5.0	<5.0	NA	<5.0	NA	NA	88	<5.0	<5.0	<5.0	<5.0	<10	
Jul-03	<1.0	2.6	2.8	<1.0	--	5.0	<1.0	<1.0	<1.0	NA	<2.0	NA	NA	71	NA	90	<1.0	4.1		
Apr-03	<1.0	28	7.6	<1.0	--	41	<1.0	<1.0	<1.0	NA	<2.0	NA	NA	60	NA	7.8	<1.0	2.1		
Jan-03	<1.0	33	30	<1.0	--	14	<1.0	<1.0	<1.0	NA	<2.0	NA	NA	66	NA	NA	NA	NA		
Oct-02	<1.0	54	46	<1.0	--	170	<1.0	2.5	<1.0	NA	<2.0	NA	NA	66	2.0	<1.0	1.8	<2.0		
Jul-02	<1.0	<1.0	90	<1.0	--	150	<1.0	<1.0	<1.0	NA	<2.0	NA	ND	67	NA	<1.0	<1.0	<2.0		
Apr-02	2.7	24	210	6.2	--	190	<1.0	<1.0	<1.0	NA	<2.0	NA	ND	5.9	NA	<1.0	<1.0	<2.0		
Jan-02	<10	18	67	<10	--	210	<10	<10	<10	NA	<20	<20	NA	78	NA	<10	11	<20		
Oct-01	<50	940	250	180	--	540	<50	<50	<50	NA	<100	<100	NA	<50	NA	90	<50	<100		
Oct-01 Dup	<50	580	140	<50	--	700	<50	<50	<50	NA	<100	<100	NA	90	NA	<50	NA	120	<50	
Aug-01	2.5	77	680	12	--	800	<1.0	2.5	<1.0	NA	<2.0	<2.0	NA	20	NA	<1.0	<1.0	<2.0		
Jun-01	<1.0	5.8	1,500	16	--	1,400	2.6	5.5	1.7	NA	3.1	<2.0	NA	1.7	NA	<1.0	<1.0	<2.0		
Apr-01	1.6	14	440	8.7	--	980	<1.0	1.2	<1.0	NA	<2.0	<2.0	NA	2.6	NA	<1.0	<1.0	<2.0		
Feb-01	23	31	880	12	--	1,300	<1.0	3.5	<1.0	NA	<2.0	<2.0	NA	1.6	NA	<1.0	<1.0	8.5		
Dec-00	<1.0	2.9	53	9.3	--	1,000	<1.0	<1.0	<1.0	NA	<2.0	<2.0	NA	1.6	NA	<1.0	<1.0	<2.0		
Nov-00	<1.0	11	2,300	15	--	300	<1.0	9.5	1.2	NA	<2.0	<2.0	NA	2.0	NA	<1.0	<1.0	<2.0		
Oct-00	110	520	2,200	<50	--	340	<50	<50	<50	NA	ND	NA	NA	1.4	NA	<1.0	<1.0	<2.0		
Oct-99	55	430	800	<10	--	35	<10	<10	<10	NA	ND	ND	<10	ND	<10	<10	NA	NA		
Oct-98	81	720	1,000	<25	--	110	<25	<25	<25	ND	ND	ND	<25	ND	<25	<25	NA	NA		
Apr-98	100	670	1,700	<20	--	300	<20	<20	<20	ND	ND	ND	<80	ND	<20	<20	NA	NA		
Oct-97	220	820	3,000	<50	--	200	<50	<50	<50	ND	ND	ND	<50	ND	<100	<50	NA	NA		
Oct-97 Dup	220	810	2,800	<50	--	170	<50	<50	<50	ND	ND	ND	<50	ND	<100	ND	NA	NA		
Apr-97	170	690	1,400	14	--	230	<13	<13	<13	ND	ND	ND	<13	ND	24	ND	NA	NA		
Oct-96	200	880	3,000	21	--	190	<10	19	<10	ND	ND	ND	<10	ND	15	ND	NA	NA		
Apr-96	300	1,500	--	--	1,313	230	<2.5	13	<2.5	ND	ND	ND	<2.5	ND	4.9	ND	NA	NA		
Oct-95	180	840	--	--	1,400	130	<25	<25	<25	ND	ND	ND	<25	ND	<25	ND	NA	NA		
Aug-95	<40	770	--	--	2,500	540	<40	<40	<40	ND	ND	ND	<40	ND	<40	ND	NA	NA		
Oct-94	<25	590	--	--	150	<25	<25	<25	<25	ND	ND	ND	<25	ND	<25	ND	NA	NA		
Apr-94	330	1,500	--	--	3,134	<5	7	32	<5.0	ND	ND	ND	1.1	ND	35	ND	NA	NA		
Oct-93	300	2,600	--	--	7,322	640	<5.0	23	<5.0	ND	ND	ND	<5.0	ND	42	ND	NA	NA		
Apr-93	530	3,700	--	--	6,600	2,300	<50	<50	<50	ND	ND	ND	<50	ND	<50	ND	NA	NA		
Oct-92	1,900	7,400	--	--	7,533	1,400	4.8	40	6.8	ND	ND	ND	NA	ND	<500	ND	NA	NA		
Aug-92	1,200	5,100	--	--	7,336	1,100	6.5	42	1.7	ND	ND	ND	<1.0	ND	21	ND	NA	NA		
Apr-92	1,600	15,000	--	--	16,000	<100	<100	<100	<100	ND	ND	ND	<100	ND	<100	ND	NA	NA		
Apr-92	1,100	9,300	--	--	9,800	2,400	<50	53	<50	ND	ND	ND	<50	ND	110	ND	NA	NA		
Oct-91	700	15,000	--	--	38,000	3,300	<100	<100	<100	ND	ND	ND	<100	ND	<100	ND	NA	NA		
Oct-91	500	10,000	--	--	14,000	1,600	<100	<100	<100	ND	ND	ND	<100	ND	<100	ND	NA	NA		
Jul-91	1,000	17,000	--	--	55,120	3,500	<50	150	<50	ND	ND	ND	<50	ND	<50	ND	NA	NA		
Jul-91	240	6,100	--	--	7,200	<100	<50	<50	<50	ND	ND	ND	<100	ND	<50	ND	NA	NA		
Apr-91	4.3	2,300	--	--	32	1.0	0.8	<0.5	<0.5	ND	ND	ND	180	ND	<0.5	ND	NA	NA		
Apr-91	<50	4,200	--	--	<50	<50	<50	<50	<50	ND	ND	ND	240	ND	<50	ND	NA	NA		
Jan-91	<200	2,000	--	--	49,000	6,500	<200	<200	<200	ND	ND	ND	<200	ND	<200	ND	NA	NA		
Jan-91	<500	5,200	--	--	22,000	7,000	<500	<500	<500	ND	ND	ND	<500	ND	<500	ND	NA	NA		
Oct-90	<500	26,000	--	--	53,000	14,000	<500	<500	<500	ND	ND	ND	<500	ND	<500	ND	NA	NA		
Oct-90	<200	19,000	--	--	52,000	7,800	<200	<200	<200	ND	ND	ND	<200	ND	<200	ND	NA	NA		
Jul-90	<100	3,400	--	--	15,000	3,900	<100	<100	<100	ND	ND	ND	<100	ND	<100	ND	NA	NA		
Jul-90	<200	6,000	--	--	21,000	12,000	<200	<200	<200	ND										

Historic Groundwater Volatile Organic Compound Results
Former TRW Microwave Facility
825 Stewart Drive, Sunnyvale, California

Well Number/ Dates	PCE ($\mu\text{g/L}$)	TCE ($\mu\text{g/L}$)	cis- 1,2-DCE ($\mu\text{g/L}$)	trans- 1,2- DCE ($\mu\text{g/L}$)	Total 1,2-DCE ($\mu\text{g/L}$)	VC ($\mu\text{g/L}$)	1,1,- TCA ($\mu\text{g/L}$)	1,1- DCE ($\mu\text{g/L}$)	1,1- DCA ($\mu\text{g/L}$)	CDM ($\mu\text{g/L}$)	Freon 11 ($\mu\text{g/L}$)	Freon 12 ($\mu\text{g/L}$)	Freon 113 ($\mu\text{g/L}$)	BFM ($\mu\text{g/L}$)	1,2- DCB ($\mu\text{g/L}$)	CBN ($\mu\text{g/L}$)	BEN ($\mu\text{g/L}$)	EBN ($\mu\text{g/L}$)	TOL ($\mu\text{g/L}$)	XYL ($\mu\text{g/L}$)
Drinking Water Standard	5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-2B ZB1																				
Oct-87	330	2,000	--	--	3,300	860	59	<25	<25	--	ND	--	<25	ND	71	--	--	--	--	--
Jul-87	490	2,100	--	--	5,400	730	<50	<50	<50	--	ND	--	100	ND	<50	--	--	--	--	--
Jan-87	800	9,100	--	--	7,000	1,100	<25	<25	<25	--	ND	--	<25	ND	710	--	--	--	--	--
Jul-86	1,200	3,800	--	--	2,800	1,400	<10	<10	<10	--	ND	--	<10	ND	860	--	--	--	--	--
Apr-86	580	4,000	--	--	3,600	180	<50	<50	<50	--	ND	--	<50	ND	<50	--	--	--	--	--
Mar-86	1,300	5,500	--	--	3,300	750	<25	<25	<25	--	ND	--	NA	ND	<25	--	--	--	--	--
Oct-85	2,700	7,500	--	--	7,700	<50	<50	<50	<50	--	ND	--	840	ND	<50	--	--	--	--	--
Nov-84	2,300	52,000	--	--	7,200	NA	<130	NA	NA	--	ND	--	NA	ND	NA	--	--	--	--	--
Aug-84	1,500	11,000	--	--	650	ND	ND	ND	ND	--	ND	--	ND	ND	ND	--	--	--	--	--
Mar-84	NA	130,000	--	--	NA	NA	NA	NA	NA	--	ND	--	NA	ND	NA	--	--	--	--	--
Sep-83	2,000	73,000	--	--	2,000	NA	ND	ND	ND	--	ND	--	ND	ND	NA	--	--	--	--	--
Sep-83	2,000	290,000	--	--	2,000	NA	ND	ND	ND	--	ND	--	ND	ND	NA	--	--	--	--	--
Aug-83	2,800	1,100,000	--	--	160	<5.0	<5.0	<5.0	<5.0	--	ND	--	<5.0	ND	<5.0	--	--	--	--	--
T-4B ZB1																				
Apr-08	<5.0	6.5	480	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15
Jan-08	<5.0	7.1	370	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15
Oct-07	<5.0	7.9	550	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15
Jul-07	<5.0	5.7	430	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15
May-07	<5.0	7.3	230	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15
Oct-06	<5.0	<5.0	580	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15
Apr-06	<5.0	7.9	480	12	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15
Jan-06	<5.0	8.4	600	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15
Oct-05	<5.0	9.2	550	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15
Jul-05	<5.0	10	620	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15
Apr-05	<5.0	110	69	<5.0	--	12	<5.0	<5.0	<5.0	NA	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15
Jan-05	<5.0	9.0	810	20	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15
Oct-04	<5.0	6.6	350	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15
Jul-04	<5.0	8.5	460	5.8	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<10
Apr-04	<1.0	13	540	6.3	--	<1.0	<1.0	<1.0	<1.0	1.6	NA	<2.0	6.3	NA	<1.0	NA	<1.0	NA	<1.0	<2.0
Jan-04	<12	6.4	350	<12	--	<12	<12	<12	<12	NA	<12	<12	<12	NA	<12	NA	<12	<12	<12	<24
Oct-03	<5.0	9.8	340	<5.0	--	7.4	<5.0	<5.0	<5.0	NA	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<10
Jul-03	<1.0	13	<20	3.1	--	<2.0	<1.0	<1.0	<1.0	NA	<2.0	<2.0	NA	<1.0	NA	<1.0	NA	<1.0	<2.0	
Apr-03	<1.0	11	350	<1.0	--	<2.0	<1.0	<1.0	<1.0	NA	<2.0	<2.0	NA	<1.0	NA	<1.0	NA	<1.0	<1.0	<2.0
Oct-02	<5.0	5.8	220	<5.0	--	5.7	<5.0	<5.0	<5.0	NA	<10	<10	<10	<5.0	<20	<5.0	<5.0	<5.0	NA	NA
Oct-01	<5.0	<5.0	66	12	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<10	<20	<20	<5.0	<5.0	NA	NA	NA	NA
Oct-00	<2.0	10	100	<2.0	--	<2.0	<2.0	<2.0	<2.0	NA	<2.0	ND	<2.0	ND	<2.0	<2.0	<2.0	NA	NA	NA
Oct-00 Dup	<2.0	9.0	100	<2.0	--	<2.0	<2.0	<2.0	<2.0	NA	<2.0	ND	<2.0	ND	<2.0	<2.0	<2.0	NA	NA	NA
Oct-99	<1.0	32	32	<1.0	--	<1.0	<1.0	<1.0	<1.0	ND	<1.0	ND	<1.0	ND	1.6	ND	<1.0	ND	NA	NA
Oct-98	<1.0	43	40	<1.0	--	<1.0	<1.0	<1.0	<1.0	ND	<1.0	ND	<1.0	ND	1.8	ND	<1.0	ND	NA	NA
Oct-97	<1.0	30	38	<1.0	--	<1.0	<1.0	<1.0	<1.0	ND	<1.0	ND	<1.0	ND	2.0	ND	<2.0	ND	NA	NA
Oct-96	<0.5	28	17	<0.5	--	<0.5	<0.5	<0.5	<0.5	ND	<0.5	ND	<0.5	ND	1.7	ND	<0.5	ND	NA	NA
Oct-95	<1.0	30	--	--	22	<2.0	<1.0	<1.0	<1.0	ND	<1.0	ND	<1.0	ND	2.4	ND	<1.0	ND	NA	NA
Oct-94	<5.0	53	--	--	23	<5.0	<5.0	<5.0	<5.0	ND	<5.0	ND	<5.0	ND	<5.0	ND	<5.0	ND	NA	NA
Oct-93	<0.5	100	--	--	8.5	<1.0	<0.5	<0.5	<0.5	ND	<0.5	ND	<0.5	ND	2.6	ND	<0.5	ND	NA	NA
Oct-92	<0.5	61	--	--	4.3	<1.0	<0.5	<0.5	<0.5	ND	<0.5	ND	<0.5	ND	NA	ND	<0.5	ND	NA	NA
Oct-91	<0.5	75	--	--	13	<0.5	<0.5	<0.5	<0.5	ND	<0.5	ND	<0.5	ND	3.6	ND	<0.5	ND	NA	NA
Oct-90	<0.5	75	--	--	14	<0.5	<0.5	<0.5	<0.5	ND	<0.5	ND	<0.5	ND	1.8	ND	<0.5	ND	NA	NA
Aug-89	<0.5	57	--	--	3	<0.5	<0.5	<0.5	<0.5	ND	<0.5	ND	<0.5	ND	1.8	ND	<0.5	ND	--	--
May-88	<0.5	9	--	--	0.7	<0.5	<0.5	<0.5	<0.5	ND	<0.5	ND	<0.5	ND	0.5	ND	<0.5	ND	--	--
Jan-88	<0.5	14	--	--	0.6	<0.5	<0.5	<0.5	<0.5	ND	<0.5	ND	<0.5	ND	0.6	ND	<0.5	ND	--	--
Apr-86	<0.5	1	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.5	ND	<0.5	ND	<0.5	<0.5	<0.5	ND	--	--
Jan-86	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.5	ND	<0.5	ND	<0.5	<0.5	<0.5	ND	--	--
Oct-85	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	<0.5	ND	<0.5	ND	<0.5	<0.5	<0.5	ND	--	--
Nov-84	<0.5	1.5	--	--	<0.5	NA	<0.5	NA	NA	ND	ND	ND	--	NA	NA	--	--	NA	--	--
Aug-84	ND	ND	--	--	NA	NA	NA	NA	NA	ND	ND	ND	--	ND	ND	--	--	NA	--	--
Mar-84	NA	4	--	--	NA	NA	NA	NA	NA	ND	ND	ND	--	NA	NA	--	--	NA	--	--
Aug-83	<1.0	<1.0	--	--	10	ND	<1.0	3.6	<1.0	ND	<1.0	ND	<1.0	ND	<1.0	ND	--	ND	--	--

Historic Groundwater Volatile Organic Compound Results
Former TRW Microwave Facility
825 Stewart Drive, Sunnyvale, California

Well Number/ Dates	PCE ($\mu\text{g/L}$)	TCE ($\mu\text{g/L}$)	cis- 1,2-DCE ($\mu\text{g/L}$)	trans- 1,2- DCE ($\mu\text{g/L}$)	Total 1,2-DCE ($\mu\text{g/L}$)	VC ($\mu\text{g/L}$)	1,1,- TCA ($\mu\text{g/L}$)	1,1- DCE ($\mu\text{g/L}$)	1,1- DCA ($\mu\text{g/L}$)	CDM ($\mu\text{g/L}$)	Freon 11 ($\mu\text{g/L}$)	Freon 12 ($\mu\text{g/L}$)	Freon 113 ($\mu\text{g/L}$)	BFM ($\mu\text{g/L}$)	1,2- DCB ($\mu\text{g/L}$)	CBN ($\mu\text{g/L}$)	BEN ($\mu\text{g/L}$)	EBN ($\mu\text{g/L}$)	TOL ($\mu\text{g/L}$)	XYL ($\mu\text{g/L}$)
Drinking Water Standard	5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-5B ZB1																				
Oct-07	6.2	2,300	46	<2.0	--	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	470	<4.0	<2.0	<2.0	<2.0	<2.0	<4.0	
Oct-07 Dup	5.9	2,200	45	<2.0	--	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	380	<4.0	<2.0	<2.0	<2.0	<2.0	<4.0	
Oct-06	<2.0	270	5.9	<2.0	--	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	18	<4.0	<2.0	<2.0	NA	NA	NA	
Oct-06 Dup	<2.0	270	6.1	<2.0	--	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	20	<4.0	<2.0	<2.0	NA	NA	NA	
Oct-05	<5.0	420	12	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10	44	<5.0	<5.0	<5.0	NA	NA	NA	
Oct-05 Dup	<5.0	410	12	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10	40	<5.0	<5.0	<5.0	NA	NA	NA	
Oct-04	<5.0	720	21	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10	49	<20	<5.0	<5.0	NA	NA	NA	
Oct-04 Dup	<5.0	760	21	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10	63	<20	<5.0	<5.0	NA	NA	NA	
Oct-03	<10	720	18	<10	--	<10	<10	<10	<10	<10	<20	<20	31	<40	<10	<10	NA	NA	NA	
Oct-03 Dup	<10	1,200	29	<10	--	<10	<10	<10	<10	<10	<20	<20	60	<40	<10	<10	NA	NA	NA	
Oct-02	30	2,200	55	<20	--	<20	<20	<20	<20	<20	<40	<40	450	<80	<20	<20	NA	NA	NA	
Oct-02 Dup	<20	2,100	52	<20	--	<20	<20	<20	<20	<20	<40	<40	410	<80	<20	<20	NA	NA	NA	
Oct-01	<50	1,700	88	<50	--	<50	<50	<50	<50	<50	<100	<100	<200	<200	<50	<50	NA	NA	NA	
Oct-01 Dup	<50	1,900	91	<50	--	<50	<50	<50	<50	<50	<100	<100	<200	<200	<50	<50	NA	NA	NA	
Oct-00	<200	2,400	<200	<200	--	<200	<200	<200	<200	<200	ND	ND	260	ND	<200	<200	NA	NA	NA	
Oct-99	<10	500	16	<10	--	<10	<10	<10	<10	<10	ND	ND	63	ND	<10	ND	NA	NA	NA	
Oct-98	<10	300	<10	<10	--	<10	<10	<10	<10	<10	ND	ND	15	ND	<10	ND	NA	NA	NA	
Oct-97	<10	360	<10	<10	--	<10	<10	<10	<10	<10	ND	ND	<10	ND	<20	ND	NA	NA	NA	
Oct-96	<1.3	390	8.2	<1.3	--	<1.3	<1.3	<1.3	<1.3	<1.3	ND	ND	34	ND	<1.3	ND	NA	NA	NA	
Oct-95	<1.0	110	--	--	1.6	<2.0	<1.0	<1.0	<1.0	<1.0	ND	ND	4.9	ND	<1.0	ND	NA	NA	NA	
Oct-94	<25	420	--	--	<25	<25	<25	<25	<25	<25	ND	ND	41	ND	<25	ND	NA	NA	NA	
Oct-93	<5.0	500	--	--	<5.0	<10	<5.0	<5.0	<5.0	<5.0	ND	ND	54	ND	<5.0	ND	NA	NA	NA	
Oct-92	<1000	3,600	--	--	33	<1.0	2.2	<0.5	10	ND	ND	ND	NA	ND	<0.5	ND	NA	NA	NA	
Oct-92	<150	4,000	--	--	<150	<150	<150	<150	<150	<150	ND	ND	640	ND	<150	ND	NA	NA	NA	
Apr-92	<100	11,000	--	--	<100	<100	<100	<100	<100	<100	ND	ND	2,400	ND	<100	ND	NA	NA	NA	
Jan-92	<100	16,000	--	--	<100	<100	<100	<100	<100	<100	ND	ND	2,800	ND	<100	ND	NA	NA	NA	
Oct-91	<100	12,000	--	--	<100	<100	<100	<100	<100	<100	ND	ND	1,900	ND	<100	ND	NA	NA	NA	
Jul-91	<50	9,300	--	--	60	<50	<50	<50	<50	<50	ND	ND	2,200	ND	<50	ND	NA	NA	NA	
Apr-91	<20	5,700	--	--	30	<20	<20	<20	<20	<20	ND	ND	1,600	ND	<20	ND	NA	NA	NA	
Jan-91	<20	2,500	--	--	<20	<20	<20	<20	<20	<20	ND	ND	280	ND	<20	ND	NA	NA	NA	
Oct-90	<50	6,300	--	--	<50	<50	<50	<50	<50	<50	ND	ND	270	ND	<50	ND	NA	NA	NA	
Jul-90	<20	4,100	--	--	<20	<20	<20	<20	<20	<20	ND	ND	910	ND	<20	ND	NA	NA	NA	
Apr-90	<20	3,000	--	--	<20	<20	<20	<20	<20	<20	ND	ND	250	ND	<20	ND	NA	NA	NA	
Jan-90	<20	5,500	--	--	<20	<20	<20	<20	<20	<20	ND	ND	1,300	ND	<20	ND	NA	NA	NA	
Oct-89	33	6,700	--	--	39	<2.0	2	<2.0	<2.0	<2.0	--	ND	--	2,700	ND	<2.0	--	--	--	
Aug-89	<50	10,000	--	--	<50	<50	<50	<50	<50	<50	--	ND	--	2,100	ND	<50	--	--	--	
Aug-89	<50	9,200	--	--	<50	<50	<50	<50	<50	<50	--	ND	--	2,300	ND	<50	--	--	--	
Feb-89	<250	8,000	--	--	<250	<250	<250	<250	<250	<250	--	ND	--	2,000	ND	<250	--	--	--	
Nov-88	<5.0	5,500	--	--	18	<5.0	<5.0	<5.0	<5.0	<5.0	--	ND	--	<5.0	ND	<5.0	--	--	--	
Nov-88	<50	8,000	--	--	<50	<50	<50	<50	<50	<50	--	ND	--	2,000	ND	<50	--	--	--	
Aug-88	<100	14,000	--	--	<100	<100	<100	<100	<100	<100	--	ND	--	2,700	ND	<100	--	--	--	
Jun-88	<250	11,000	--	--	<250	<250	<250	<250	<250	<250	--	ND	--	1,200	ND	<250	--	--	--	
Jun-88	18	7,400	--	--	13	<0.5	7.8	2.5	1.4	--	ND	--	2,500	ND	<0.5	--	--	--	--	
Jan-88	<250	17,000	--	--	<250	<250	<250	<250	<250	<250	--	ND	--	2,800	ND	<250	--	--	--	
Oct-87	<50	7,800	--	--	<50	<50	120	<50	<50	<50	--	ND	--	1,800	ND	<50	--	--	--	
Jun-87	140	5,500	--	--	25	<25	<25	<25	<25	<25	--	ND	--	1,800	ND	<25	--	--	--	
Apr-87	<25	15,000	--	--	<25	<25	<25	<25	<25	<25	--	ND	--	1,700	ND	<25	--	--	--	
Jan-87	33	4,900	--	--	<10	<10	<10	<10	<10	<10	--	ND	--	3,100	ND	<10	--	--	--	
Sep-86	<100	20,500	--	--	<100	<100	<100	<100	<100	<100	--	ND	--	3,150	ND	<100	--	--	--	
Jul-86	<50	6,700	--	--	<50	<50	<50	<50	<50	<50	--	ND	--	3,300	ND	<50	--	--	--	
Apr-86	<25	8,200	--	--	<25	<25	<25	<25	<25	<25	--	ND	--	6,900	ND	<25	--	--	--	
Jan-86	<25	9,100	--	--	<25	<25	<25	<25	<25	<25	--	ND	--	NA	ND	<25	--	--	--	
Oct-85	73	19,000	--	--	<50	<50	<50	<50	<50	<50	--	ND	--	6,300	ND	<50	--	--	--	
Nov-84	19	15,000	--	--	<20	NA	17	NA	NA	NA	--	ND	--	NA	ND	NA	--	--	--	
Aug-84	ND	17,000	--	--	ND	ND	ND	ND	ND	ND	--	ND	--	10,000	ND	ND	--	--	--	
Mar-84	NA	16,000	--	--	NA	NA	NA	NA	NA	NA	--	ND	--	NA	ND	NA	--	--	--	
Aug-83	<1.0	3,200	--	--	14	<1.0	<1.0	<1.0	<1.0	<1.0	--	ND	--	<1.0	ND	<1.0	--	--	--	

Historic Groundwater Volatile Organic Compound Results
Former TRW Microwave Facility
825 Stewart Drive, Sunnyvale, California

Well Number/ Dates	PCE ($\mu\text{g/L}$)	TCE ($\mu\text{g/L}$)	cis- 1,2-DCE ($\mu\text{g/L}$)	trans- 1,2- DCE ($\mu\text{g/L}$)	Total 1,2-DCE ($\mu\text{g/L}$)	VC ($\mu\text{g/L}$)	1,1,- TCA ($\mu\text{g/L}$)	1,1- DCE ($\mu\text{g/L}$)	1,1- DCA ($\mu\text{g/L}$)	CDM ($\mu\text{g/L}$)	Freon 11 ($\mu\text{g/L}$)	Freon 12 ($\mu\text{g/L}$)	Freon 113 ($\mu\text{g/L}$)	BFM ($\mu\text{g/L}$)	1,2- DCB ($\mu\text{g/L}$)	CBN ($\mu\text{g/L}$)	BEN ($\mu\text{g/L}$)	EBN ($\mu\text{g/L}$)	TOL ($\mu\text{g/L}$)	XYL ($\mu\text{g/L}$)
Drinking Water Standard	5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-7B ZB1																				
Oct-07	1.80	190	16	0.63	--	<0.5	0.92	0.65	0.55	<0.5	<1.0	<0.5	6.6	<0.5	3.6	<0.5	<0.5	<0.5	<0.5	<1.0
Oct-07 Dup	1.70	200	16	0.62	--	<0.5	0.92	0.65	0.57	<0.5	<1.0	<0.5	6.4	<0.5	3.7	<0.5	<0.5	<0.5	<0.5	<1.0
Oct-06	0.71	80	10	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	1.9	<0.5	<0.5	<0.5	NA	NA	NA	NA
Oct-06 Dup	0.58	88	10	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	1.8	<0.5	<0.5	<0.5	NA	NA	NA	NA
Oct-05	<1.0	95	13	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.9	<1.0	<1.0	<1.0	NA	NA	NA	NA
Oct-05 Dup	<1.0	88	13	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.7	<1.0	<1.0	<1.0	NA	NA	NA	NA
Oct-04	<1.0	140	14	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.3	<4.0	<1.0	<1.0	NA	NA	NA	NA
Oct-04 Dup	<1.0	140	14	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.4	<4.0	<1.0	<1.0	NA	NA	NA	NA
Oct-03	<5.0	190	28	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<10
Oct-03 Dup	<5.0	190	29	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<10
Apr-03	<1.0	140	18	<1.0	--	<2.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	2.9	<1.0	NA	<1.0	NA	NA	NA	NA
Oct-02	<5.0	170	24	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10	55	<20	<5.0	<5.0	NA	<1.0	<1.0	<2.0
Oct-02 Dup	<2.0	160	24	<2.0	--	2	<2.0	<2.0	<2.0	<2.0	<4.0	<4.0	53	<8.0	<2.0	<2.0	NA	NA	NA	NA
Jul-02	<10	350	34	<10	--	<10	<10	<10	<10	<10	ND	<20	<10	60	ND	<10	<10	NA	NA	NA
Apr-02	<10	240	24	<10	--	<10	<10	<10	<10	<10	ND	<20	<10	35	ND	<10	<10	NA	NA	NA
Jan-02	<10	300	29	<10	--	<10	<10	<10	<10	<10	ND	<20	<10	ND	<10	<10	NA	NA	NA	NA
Oct-01	<5.0	210	25	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	13	<5.0	<5.0	<5.0	NA	NA	NA	NA
Oct-01 Dup	<5.0	200	25	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	12	<5.0	<5.0	<5.0	NA	NA	NA	NA
Aug-01	2.1	340	46	1.3	--	<2.0	1.9	2.4	<1.0	ND	8.6	<2.0	NA	ND	NA	<1.0	NA	<1.0	<1.0	<2.0
Jun-01	<1.0	68	61	<1.0	--	3.6	<1.0	1.6	<1.0	ND	51	24	NA	ND	NA	<1.0	NA	<1.0	<1.0	<2.0
Apr-01	1.4	200	34	<1.0	--	<2.0	1.8	1.2	<1.0	ND	20	<2.0	NA	ND	NA	<1.0	NA	<1.0	<1.0	<2.0
Feb-01	1.2	230	29	<1.0	--	<2.0	1.4	<1.0	<1.0	ND	11	14	NA	ND	NA	<1.0	NA	<1.0	<1.0	<2.0
Dec-00	<1.0	1.7	<1.0	<1.0	--	<2.0	<1.0	<1.0	<1.0	ND	<2.0	<2.0	NA	ND	NA	<1.0	NA	<1.0	<1.0	<2.0
Nov-00	<1.0	<1.0	<1.0	<1.0	--	<2.0	<1.0	<1.0	<1.0	ND	<2.0	<2.0	NA	ND	NA	<1.0	NA	<1.0	<1.0	<2.0
Oct-00	<10	180	24	<10	--	<10	<10	<10	<10	<10	ND	ND	<10	ND	<10	<10	NA	NA	NA	NA
Sep-00	1.6	270	29	<1.0	--	<2.0	2.5	1.2	<1.0	ND	<2.0	<2.0	NA	ND	NA	<1.0	NA	<1.0	<1.0	<2.0
Oct-99	<1.0	4.7	<1.0	<1.0	--	<1.0	<1.0	<1.0	<1.0	ND	ND	ND	<1.0	ND	<1.0	<1.0	NA	NA	NA	NA
Oct-98	<1.0	15	1.3	<1.0	--	<1.0	<1.0	<1.0	<1.0	ND	ND	ND	5.1	ND	<1.0	<1.0	NA	NA	NA	NA
Oct-97	<0.5	18	2.8	<0.5	--	<0.5	<0.5	<0.5	<0.5	ND	ND	ND	1.9	ND	<1.0	<0.5	NA	NA	NA	NA
Oct-96	<0.5	39	5.3	<0.5	--	<0.5	<0.5	<0.5	<0.5	ND	ND	ND	1.9	ND	<0.5	ND	NA	NA	NA	NA
Oct-95	<1.0	42	--	--	6.1	<2.0	<1.0	<1.0	<1.0	ND	ND	ND	2.4	ND	<1.0	ND	NA	NA	NA	NA
Oct-94	<5.0	100	--	--	17	<5.0	<5.0	<5.0	<5.0	ND	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA	NA
Oct-93	<5.0	590	--	--	59	<10	<5.0	<5.0	<5.0	ND	ND	ND	11	ND	<5.0	ND	NA	NA	NA	NA
Oct-92	1.7	630	--	--	41	3.1	5.7	<0.5	<0.5	ND	ND	ND	NA	ND	<0.5	ND	NA	NA	NA	NA
Apr-92	<10	1,800	--	--	140	<10	40	<10	<10	ND	ND	ND	<10	ND	<10	ND	NA	NA	NA	NA
Jan-92	<10	1,800	--	--	390	<10	29	<10	<10	ND	ND	ND	<10	ND	<10	ND	NA	NA	NA	NA
Oct-91	7.0	960	--	--	270	<5.0	14	<5.0	<5.0	ND	ND	ND	18	ND	<5.0	ND	NA	NA	NA	NA
Jul-91	6.0	980	--	--	300	<5.0	11	<5.0	<5.0	ND	ND	ND	35	ND	<5.0	ND	NA	NA	NA	NA
Apr-91	<2.0	460	--	--	52	<2.0	4.0	<2.0	<2.0	ND	ND	ND	<2.0	ND	<2.0	ND	NA	NA	NA	NA
Jan-91	<5.0	870	--	--	62	<5.0	<5.0	<5.0	<5.0	ND	ND	ND	15	ND	<5.0	ND	NA	NA	NA	NA
Oct-90	<5.0	760	--	--	60	<5.0	6.0	<5.0	<5.0	ND	ND	ND	22	ND	<5.0	ND	NA	NA	NA	NA
Jul-90	<2.0	430	--	--	20	<2.0	2.0	<2.0	<2.0	ND	ND	ND	17	ND	<2.0	ND	NA	NA	NA	NA
Apr-90	<5.0	680	--	--	37	<5.0	<5.0	<5.0	<5.0	ND	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA	NA
Jan-90	<5.0	960	--	--	75	<5.0	6.0	<5.0	<5.0	ND	ND	ND	21	ND	<5.0	ND	NA	NA	NA	NA
Oct-89	<10	1,400	--	--	110	<10	<10	<10	<10	ND	ND	ND	20	ND	<10	ND	--	--	--	--
Aug-89	5	980	--	--	93	13	13	<2.0	<2.0	ND	ND	ND	40	ND	<2.0	ND	--	--	--	--
May-89	6.0	1,400	--	--	60	<5.0	<5.0	<5.0	<5.0	ND	ND	ND	25	ND	<5.0	ND	--	--	--	--
Feb-89	<25	1,600	--	--	<25	<25	<25	<25	<25	ND	ND	ND	420	ND	<25	ND	--	--	--	--
Nov-88	<10	1,300	--	--	<10	<10	<10	<10	<10	ND	ND	ND	50	ND	<10	ND	--	--	--	--
Aug-88	<25	1,800	--	--	<25	<25	<25	<25	<25	ND	ND	ND	69	ND	<25	ND	--	--	--	--
Jun-88	<10	1,300	--	--	32	<10	<10	<10	<10	ND	ND	ND	56	ND	<10	ND	--	--	--	--
Jan-88	<25	2,100	--	--	<25	<25	<25	<25	<25	ND	ND	ND	280	ND	<25	ND	--	--	--	--
Oct-87	<25	2,600	--	--	<25	<25	31	<25	<25	ND	ND	ND	54	ND	<25	ND	--	--	--	--
Jun-87	<25	3,200	--	--	<25	<25	<25	<25	<25	ND	ND	ND	87	ND	<25	ND	--	--	--	--
Apr-87	<25	3,800	--	--	31	<25	<25	<25	<25	ND	ND	ND	<25	ND	<25	ND	--	--	--	--
Jan-87	24	3,100	--	--	25	<10	<10	<10	<10	ND	ND	ND	360	ND	<10	ND	--	--	--	--
Sep-86	<25	5,100	--	--	<25	<25	<25	<25	<25	ND	ND	ND	660	ND	<25	ND	--	--	--	--
Jul-86	<25	5,300	--	--	<25	<25	&													

Historic Groundwater Volatile Organic Compound Results
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Well Number/ Dates	PCE ($\mu\text{g/L}$)	TCE ($\mu\text{g/L}$)	cis- 1,2-DCE ($\mu\text{g/L}$)	trans- 1,2-DCE ($\mu\text{g/L}$)	Total 1,2-DCE ($\mu\text{g/L}$)	VC ($\mu\text{g/L}$)	1,1,- TCA ($\mu\text{g/L}$)	1,1- DCE ($\mu\text{g/L}$)	CDM ($\mu\text{g/L}$)	Freon 11 ($\mu\text{g/L}$)	Freon 12 ($\mu\text{g/L}$)	Freon 113 ($\mu\text{g/L}$)	BFM ($\mu\text{g/L}$)	1,2- DCB ($\mu\text{g/L}$)	CBN ($\mu\text{g/L}$)	BEN ($\mu\text{g/L}$)	EBN ($\mu\text{g/L}$)	TOL ($\mu\text{g/L}$)	XYL ($\mu\text{g/L}$)	
Drinking Water Standard	5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-8B ZB1																				
Apr-08	<5.0	6.5	200	<5.0	--	12	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Oct-07	<5.0	7.5	220	5.9	--	35	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Apr-07	<5.0	25.0	180	<5.0	--	65	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Jan-07	<5.0	20.0	260	<5.0	--	120	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Oct-06	<5.0	6.3	220	<5.0	--	47	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Jul-06	<5.0	5.8	230	<5.0	--	64	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Apr-06	<5.0	7.5	300	14	--	120	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Jan-06	<5.0	9.0	200	5.6	--	170	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Oct-05	<5.0	7.7	190	6.3	--	160	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Jul-05	<5.0	38	150	<5.0	--	120	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Apr-05	<5.0	47	100	<5.0	--	310	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Oct-04	<2.0	33	72	3.0	--	140	<2.0	<2.0	<2.0	<2.0	<4.0	<4.0	<2.0	<8.0	6.8	<2.0	NA	NA	NA	
Jul-04	<5.0	100	80	<5.0	--	150	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<10		
Apr-04	1.7	53	58	3.8	--	99	<1.0	<1.0	1.5	NA	<2.0	<2.0	NA	<1.0	NA	<1.0	<1.0	<2.0		
Oct-03	<5.0	98	79	<5.0	--	230	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<10		
Jul-03	1.1	60	60	3.6	--	120	<1.0	<1.0	NA	<2.0	<2.0	NA	<1.0	NA	<1.0	<1.0	<2.0			
Apr-03	<1.0	59	59	2.3	--	260	<1.0	<1.0	NA	<2.0	<2.0	NA	<1.0	NA	<1.0	<1.0	<2.0			
Jan-03	1.7	82	68	2.5	--	80	1.5	1.2	1.4	NA	<2.0	<2.0	NA	<1.0	NA	<1.0	NA	NA		
Oct-02	1.6	75	77	<1.0	--	96	1.2	1.2	1.2	NA	<2.0	<2.0	NA	<1.0	NA	<1.0	1.1	<1.0	<2.0	
Jul-02	<1.0	64	72	<1.0	--	180	<1.0	<1.0	<1.0	NA	<2.0	<2.0	NA	ND	NA	<1.0	NA	<1.0	<2.0	
Mar-02	2.1	81	78	3.1	--	92	1.2	<1.0	<1.0	NA	<2.0	<2.0	NA	ND	NA	<1.0	NA	<1.0	<2.0	
Jan-02	1.8	98	90	3.8	--	76	1.1	1.3	<1.0	NA	<2.0	<2.0	NA	ND	NA	<1.0	NA	1.6	7.2	
Oct-01	1.8	120	120	4.5	--	<2.0	1.9	1.6	1.2	NA	<2.0	<2.0	NA	<2.0	NA	<1.0	<1.0	<2.0		
Aug-01	2.2	130	140	4.7	--	110	1.7	1.1	1.1	NA	<2.0	<2.0	NA	ND	NA	<1.0	NA	<1.0	<2.0	
Jun-01	1.9	110	120	3.3	--	100	2.5	1.4	1.3	NA	<2.0	<2.0	NA	ND	NA	<1.0	NA	1.6	<2.0	
Apr-01	1.6	68	99	2.7	--	99	1.5	<1.0	<1.0	NA	<2.0	<2.0	NA	ND	NA	<1.0	NA	<1.0	<2.0	
Feb-01	1.6	65	150	2.4	--	100	1.3	<1.0	<1.0	NA	<2.0	<2.0	NA	ND	NA	<1.0	NA	1.7	1.3	
Dec-00	<1.0	41	14	1.7	--	6.8	2	<1.0	<1.0	NA	<2.0	<2.0	NA	ND	NA	<1.0	NA	<1.0	<2.0	
Nov-00	3.6	140	240	3.5	--	32	3.8	2.2	1.3	NA	<2.0	<2.0	NA	ND	NA	<1.0	NA	<1.0	<2.0	
Oct-00	<10	170	160	<10	--	25	<10	<10	<10	NA	ND	<10	ND	NA	<10	NA	<1.0	NA	<1.0	<2.0
Oct-99	6.5	190	160	<5.0	--	19	<5.0	<5.0	<5.0	ND	ND	<5.0	ND	5.8	<5.0	NA	NA	NA	NA	
Apr-99	<10	170	160	<10	--	15	<10	<10	<10	ND	ND	<10	ND	<10	<10	NA	NA	NA	NA	
Oct-98	<10	180	200	<10	--	19	<10	<10	<10	ND	ND	<10	ND	<10	<10	NA	NA	NA	NA	
Apr-98	<5.0	200	220	<5.0	--	42	<5.0	<5.0	<5.0	ND	ND	<20	ND	<5.0	<30	NA	NA	NA	NA	
Oct-97	<10	210	350	<10	--	35	<10	<10	<10	ND	ND	<10	ND	<20	<10	NA	NA	NA	NA	
Apr-97	7.1	220	320	5.4	--	28	4.0	3.0	2.0	ND	ND	4.2	ND	4.8	ND	NA	NA	NA	NA	
Oct-96	5.4	200	310	5.2	--	44	3.8	2.4	1.6	ND	ND	3.2	ND	5.8	ND	NA	NA	NA	NA	
Apr-96	8.2	260	--	284.3	<2.5	4.8	2.5	<2.5	ND	ND	<2.5	ND	<2.5	ND	NA	NA	NA	NA	NA	
Oct-95	8.1	230	--	354.7	37	5.5	3.1	<2.5	ND	ND	3.3	ND	3.7	ND	NA	NA	NA	NA	NA	
Apr-95	9.9	240	--	284	41	4.9	<4.0	<4.0	ND	ND	<4.0	ND	<4.0	ND	NA	NA	NA	NA	NA	
Oct-94	<25	270	--	320	<25	<25	<25	<25	ND	ND	<25	ND	<25	ND	NA	NA	NA	NA	NA	
Apr-94	13	390	--	420	220	9.0	<5.0	<5.0	ND	ND	3.6	ND	10	ND	NA	NA	NA	NA	NA	
Oct-93	10	320	--	350	140	5.0	<5.0	<5.0	ND	ND	6.0	ND	<5.0	ND	NA	NA	NA	NA	NA	
Apr-93	10	370	--	260	240	8.0	<5.0	<5.0	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA	NA	NA	
Oct-92	13	410	--	150	62	11	5.3	3.8	ND	ND	NA	ND	17	ND	NA	NA	NA	NA	NA	
Apr-92	14	620	--	430	110	38	8.0	<5.0	ND	ND	<5.0	ND	10	ND	NA	NA	NA	NA	NA	
Jan-92	<50	6,000	--	<50	<50	<50	<50	<50	ND	ND	160	ND	<50	ND	NA	NA	NA	NA	NA	
Oct-91	20	440	--	130	<2.0	26	6	<2.0	ND	ND	<2.0	ND	<2.0	ND	NA	NA	NA	NA	NA	
Jul-91	18	420	--	230	<2.0	19	6.0	2.0	ND	ND	5.0	ND	6.0	ND	NA	NA	NA	NA	NA	
Apr-91	20	680	--	90	<10	<10	<10	<10	ND	ND	<10	ND	<10	ND	NA	NA	NA	NA	NA	
Jan-91	26	660	--	20	<5.0	9.0	5.0	<5.0	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA	NA	NA	
Oct-90	17	600	--	590	350	10	<5.0	<5.0	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA	NA	NA	
Jul-90	26	810	--	600	390	12	<5.0	<5.0	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA	NA	NA	
Apr-90	40	1,600	--	1,400	1,700	<10	<10	<10	ND	ND	<10	ND	<10	ND	NA	NA	NA	NA	NA	
May-89	54	1,700	--	340	880	<10	<10	<10	--	ND	--	<10	ND	<10	--	--	--	--	--	
Feb-89	51	2,500	--	270	870	<25	<25	<25	--	ND	--	<25	ND	<25	--	--	--	--	--	
Nov-88	25	360	--	100	490	15	<5.0	<5.0	--	ND	--	15	ND	<5.0	--	--	--	--		
Aug-88	24	370	--	340	1,800	28	<10	<10	--	ND	--	36	ND	<10	--	--	--	--		
May-88	40	750	--	610	770	24	5.2	<5.0	--	ND	--	24	ND	41	--	--	--	--		
Jan-88	79	1,000	--	610	690	100	<10	<10	--	ND	--	59	ND	41	--	--	--	--		
Oct-87	63	610	--	610	460	33	4.9	<5.0	--	ND	--	55	ND	36	--	--	--	--		
Jul-87	85	720	--	990	260	12	<10	<10	--	ND	--	<10	ND	17	--	--	--			

Historic Groundwater Volatile Organic Compound Results
Former TRW Microwave Facility
825 Stewart Drive, Sunnyvale, California

Well Number/ Dates	PCE ($\mu\text{g/L}$)	TCE ($\mu\text{g/L}$)	cis- 1,2-DCE ($\mu\text{g/L}$)	trans- 1,2- DCE ($\mu\text{g/L}$)	Total 1,2-DCE ($\mu\text{g/L}$)	VC ($\mu\text{g/L}$)	1,1,- TCA ($\mu\text{g/L}$)	1,1- DCE ($\mu\text{g/L}$)	1,1- DCA ($\mu\text{g/L}$)	CDM ($\mu\text{g/L}$)	Freon 11 ($\mu\text{g/L}$)	Freon 12 ($\mu\text{g/L}$)	Freon 113 ($\mu\text{g/L}$)	BFM ($\mu\text{g/L}$)	1,2- DCB ($\mu\text{g/L}$)	CBN ($\mu\text{g/L}$)	BEN ($\mu\text{g/L}$)	EBN ($\mu\text{g/L}$)	TOL ($\mu\text{g/L}$)	XYL ($\mu\text{g/L}$)
Drinking Water Standard	5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-9B ZB1																				
Oct-07	4.4	470	190	3.2	--	9.8	<0.5	2.2	0.83	<0.5	<1.0	<0.5	8.4	<1.0	1.6	<0.5	<0.5	<0.5	<0.5	<1.0
Oct-06	<0.5	4.6	31	1.4	--	30	<0.5	<0.5	0.51	<0.5	<0.5	<1.0	<0.5	<0.5	0.61	<0.5	NA	NA	NA	NA
Oct-05	<5.0	16	630	5.9	--	150	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA
Oct-04	<5.0	470	300	5.1	--	33	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15
Oct-03	<5.0	390	560	7.8	--	38	<5.0	6.4	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<10
Apr-03	2.0	550	240	3.6	--	19	1.7	4.3	<1.0	NA	<2.0	<2.0	NA	<1.0	NA	<1.0	NA	<1.0	<1.0	<2.0
Oct-02	3.4	460	180	3.7	--	8.7	<2.5	2.8	<2.5	<2.5	<5.0	<5.0	5.3	<10	<2.5	<2.5	NA	NA	NA	NA
Jul-02	<5.0	460	190	<5.0	--	<5.0	<5.0	<5.0	ND	<10	<5.0	<5.0	ND	<5.0	NA	<5.0	NA	NA	NA	NA
Apr-02	<5.0	510	210	<5.0	--	5.3	<5.0	<5.0	<5.0	ND	<10	<5.0	ND	<5.0	ND	<5.0	NA	NA	NA	NA
Jan-02	<10	680	270	<10	--	<10	<10	<10	<10	ND	<20	<10	ND	<10	ND	<10	NA	NA	NA	NA
Oct-01	<10	780	150	<10	--	<10	<10	<10	<10	<10	<10	<20	<40	<10	<10	NA	NA	NA	NA	NA
Aug-01	<10	460	160	<10	--	<10	<10	<10	<10	NA	<10	<10	NA	ND	NA	<10	<10	<10	<10	<10
Oct-00	<70	1,000	200	<70	--	<70	<70	<70	<70	ND	<70	ND	ND	<70	<70	<70	NA	NA	NA	NA
Oct-99	<25	1,000	170	<25	--	46	<25	<25	<25	ND	ND	ND	<25	ND	<25	ND	NA	NA	NA	NA
Apr-99	<100	1,200	170	<100	--	<100	<100	<100	<100	ND	ND	ND	<100	ND	<100	<100	NA	NA	NA	NA
Apr-99 Dup	<100	1,100	160	<100	--	<100	<100	<100	<100	ND	ND	ND	<100	ND	<100	ND	NA	NA	NA	NA
Oct-98	<25	1,000	130	<25	--	37	<25	<25	<25	ND	ND	ND	<25	ND	<25	ND	NA	NA	NA	NA
Apr-98	<100	2,200	130	<100	--	<100	<100	<100	<100	ND	ND	ND	<400	ND	<100	<600	NA	NA	NA	NA
Apr-98 Dup	<100	2,000	<100	<100	--	<100	<100	<100	<100	ND	ND	ND	<400	ND	<100	ND	NA	NA	NA	NA
Oct-97	<50	1,600	150	<50	--	<50	<50	<50	<50	ND	ND	ND	<50	ND	<100	<50	NA	NA	NA	NA
Apr-97	15	1,300	130	<6.3	--	33	<6.3	<6.3	<6.3	ND	ND	ND	26	ND	8.1	ND	NA	NA	NA	NA
Oct-96	12	1,200	110	<5.0	--	25	<5.0	<5.0	<5.0	ND	ND	ND	13	ND	<5.0	ND	NA	NA	NA	NA
Apr-96	19	1,000	--	--	120	15	<2.5	<2.5	<2.5	ND	ND	ND	9.3	ND	6.1	ND	NA	NA	NA	NA
Oct-95	11	1,100	--	--	190	22	<10	<10	<10	ND	ND	ND	12	ND	<10	ND	NA	NA	NA	NA
Apr-95	<20	1,300	--	--	110	<40	<20	<20	<20	ND	ND	ND	<20	ND	<20	ND	NA	NA	NA	NA
Oct-94	<25	1,200	--	--	120	<25	<25	<25	<25	ND	ND	ND	<25	ND	<25	ND	NA	NA	NA	NA
Apr-94	22	1,300	--	--	110	55	<5.0	<5.0	<5.0	ND	ND	ND	28	ND	5.0	ND	NA	NA	NA	NA
Oct-93	14	1,900	--	--	99	35	<5.0	<5.0	<5.0	ND	ND	ND	51	ND	<5.0	ND	NA	NA	NA	NA
Apr-93	<50	3,200	--	--	75	<100	<50	<50	<50	ND	ND	ND	69	ND	<50	ND	NA	NA	NA	NA
Oct-92	36	5,100	--	--	<500	19	3.9	<0.5	3.4	ND	ND	ND	NA	ND	6.1	ND	NA	NA	NA	NA
Apr-92	<50	5,600	--	--	<50	<50	<50	<50	<50	ND	ND	ND	<50	ND	<50	ND	NA	NA	NA	NA
Jan-92	<30	4,100	--	--	<30	<30	<30	<30	<30	ND	ND	ND	<30	ND	<30	ND	NA	NA	NA	NA
Oct-91	<20	3,200	--	--	340	<20	<20	<20	<20	ND	ND	ND	<20	ND	<20	ND	NA	NA	NA	NA
Jul-91	<20	3,100	--	--	1,100	<20	<20	<20	<20	ND	ND	ND	<20	ND	<20	ND	NA	NA	NA	NA
Apr-91	<20	2,100	--	--	1,200	<20	<20	<20	<20	ND	ND	ND	<20	ND	<20	ND	NA	NA	NA	NA
Jan-91	10	2,200	--	--	580	30	<10	10	<10	ND	ND	ND	20	ND	<10	ND	NA	NA	NA	NA
Oct-90	<20	3,900	--	--	590	<20	<20	<20	<20	ND	ND	ND	<20	ND	<20	ND	NA	NA	NA	NA
Jul-90	30	5,200	--	--	420	<20	<20	<20	<20	ND	ND	ND	<20	ND	<20	ND	NA	NA	NA	NA
Jan-90	61	6,100	--	--	120	<50	<50	<50	<50	ND	ND	ND	<50	ND	<50	ND	NA	NA	NA	NA
Oct-89	38	3,800	--	--	160	20	<10	<10	<10	ND	ND	ND	50	ND	<10	--	--	--	--	--
Aug-89	61	7,300	--	--	<50	<50	<50	<50	<50	ND	ND	ND	200	ND	<50	--	--	--	--	--
Jun-89	39	3,500	--	--	130	73	<10	<10	<10	ND	ND	ND	150	ND	<10	--	--	--	--	--
Feb-89	<25	6,400	--	--	45	<25	<25	<25	<25	ND	ND	ND	200	ND	<25	--	--	--	--	--
Nov-88	50	6,900	--	--	<50	<50	80	<50	<50	ND	ND	ND	310	ND	<50	--	--	--	--	--
Aug-88	36	5,200	--	--	85	18	13	4.7	1.5	ND	ND	ND	170	ND	8	--	--	--	--	--
Aug-88	<50	6,000	--	--	<50	<50	<50	<50	<50	ND	ND	ND	<50	ND	<50	--	--	--	--	--
May-88	360	12,000	--	--	710	120	180	<100	<100	ND	ND	ND	1,700	ND	<100	--	--	--	--	--
Jan-88	50	4,800	--	--	70	<10	10	<10	<10	ND	ND	ND	180	ND	<10	--	--	--	--	--
Jan-88	<100	12,000	--	--	<100	<100	<100	<100	<100	ND	ND	ND	<100	ND	<100	--	--	--	--	--
Nov-87	<50	3,900	--	--	340	150	<50	<50	<50	ND	ND	ND	290	ND	NA	--	--	--	--	--
Oct-87	<50	6,900	--	--	450	150	<50	<50	<50	ND	ND	ND	390	ND	<50	--	--	--	--	--
Jul-87	44	1,300	--	--	1,300	220	30	<10	<10	ND	ND	ND	36	ND	54	--	--	--	--	--
Jan-87	<50	17,000	--	--	<50	<50	160	<50	<50	ND	ND	ND	620	ND	<50	--	--	--	--	--
Jul-86	<50	7,900	--	--	<50	<50	<50	<50	<50	ND	ND	ND	<50	ND	<50	--	--	--	--	--
Apr-86	98	7,300	--	--	<25	<25	<25	<25	<25	ND	ND	ND	<25	ND	<25	--	--	--	--	--
Mar-86	590	14,000	--	--	<100	<100	<100	<100	<100	ND	ND	ND	NA	ND	<100	--	--	--	--	--
Mar-86	<100	16,000	--	--	<100	<100	<100	<100	<100	ND	ND	ND	NA	ND	<100	--	--	--	--	--
Mar-86	<100	9,600	--	--	<100	<100	<100	<100	<100	ND	ND	ND	NA	ND	<100	--	--	--	--	--
Oct-85	320	29,000	--	--	<50	<50	<50	<50	<50	ND	ND	ND	1,200	ND	<50	--	--	--	--	--
Nov-84	15	2,900	--	--	9	NA	<25	NA	NA	--	ND	ND	700	ND	NA	--	--	--	--	--
Aug-84	330																			

Historic Groundwater Volatile Organic Compound Results
Former TRW Microwave Facility
825 Stewart Drive, Sunnyvale, California

Well Number/ Dates	PCE ($\mu\text{g/L}$)	TCE ($\mu\text{g/L}$)	cis- 1,2-DCE ($\mu\text{g/L}$)	trans- 1,2- DCE ($\mu\text{g/L}$)	Total 1,2-DCE ($\mu\text{g/L}$)	VC ($\mu\text{g/L}$)	1,1,1- TCA ($\mu\text{g/L}$)	1,1- DCE ($\mu\text{g/L}$)	1,1- DCA ($\mu\text{g/L}$)	CDM ($\mu\text{g/L}$)	Freon 11 ($\mu\text{g/L}$)	Freon 12 ($\mu\text{g/L}$)	Freon 113 ($\mu\text{g/L}$)	BFM ($\mu\text{g/L}$)	1,2- DCB ($\mu\text{g/L}$)	CBN ($\mu\text{g/L}$)	BEN ($\mu\text{g/L}$)	EBN ($\mu\text{g/L}$)	TOL ($\mu\text{g/L}$)	XYL ($\mu\text{g/L}$)	
Drinking Water Standard	5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750	
T-10B ZB1																					
Apr-08	<5.0	46	36	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15		
Jan-08	5.7	78	53	<5.0	--	5.4	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	5.7		
Jan-08 Dup	5.7	79	53	<5.0	--	5.6	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.1	NA	<5.0	<5.0	<5.0	5.7		
Oct-07	6.6	86	62	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<15		
Jul-07	5.4	65	61	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<15		
May-07	7.2	80	87	<5.0	--	8.9	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<15		
Jan-07	12.0	130	140	<5.0	--	17.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<15		
Oct-06	7.8	120	130	<5.0	--	6.2	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<15		
Jul-06	8.1	150	170	<5.0	--	9.3	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<15		
Apr-06	20	150	190	10.0	--	17	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<15		
Jan-06	10	170	190	<5.0	--	51	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<15		
Oct-05	9.9	180	79	<5.0	--	39	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<15		
Oct-04	11	170	57	2.0	--	29	<1.0	<1.0	<1.0	NA	<2.0	<2.0	<2.0	1.1	<4.0	10	<1.0	NA	NA	NA	
Oct-03	12	140	73	2.1	--	43	<2.0	<2.0	<2.0	NA	<2.0	<2.0	<2.0	<2.0	<8.0	10	<2.0	NA	NA	NA	
Oct-02	8.9	130	56	2.8	--	11	1.2	<1.0	<1.0	NA	<1.0	<1.0	<2.0	<2.0	1.4	<4.0	8.4	<1.0	NA	NA	NA
Jul-02	10	170	97	<2.5	--	16	<2.5	<2.5	<2.5	ND	<2.5	<5.0	<2.5	ND	6.9	<2.5	NA	NA	NA	NA	
Apr-02	12	200	110	<2.5	--	15	<2.5	<2.5	<2.5	ND	<2.5	<5.0	<2.5	ND	10	<2.5	NA	NA	NA	NA	
Jan-02	14	230	130	<2.5	--	25	<2.5	<2.5	<2.5	ND	<2.5	<5.0	<2.5	ND	12	<2.5	NA	NA	NA	NA	
Oct-01	8.2	160	75	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<10	<20	<20	<5.0	NA	NA	NA	
Aug-01	7.6	170	110	<5.0	--	27	<5.0	<5.0	<5.0	NA	<5.0	<5.0	<5.0	NA	ND	NA	<5.0	<5.0	<5.0	<15	
Apr-01	9.6	160	100	<2.5	--	20	<2.5	<2.5	<2.5	ND	<10	<2.5	<10	ND	9.6	<2.5	NA	NA	NA	NA	
Jan-01	13	210	130	2.7	--	12	2.9	1.2	<1.0	NA	<2.0	<2.0	NA	ND	NA	<1.0	NA	<1.0	<1.0	<2.0	
Oct-00	<20	170	110	<15	--	<15	<15	<15	<15	NA	<15	<15	<15	<20	<20	<15	<15	NA	NA	NA	
T-17B ZB1																					
Apr-08	<5.0	590	120	<50	--	<50	<50	<50	<50	NA	<50	<50	NA	<50	NA	<50	<50	<50	<50	<150	
Jan-08	<5.0	600	79	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Oct-07	<5.0	610	79	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Jul-07	<5.0	450	87	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
May-07	<5.0	430	140	<5.0	--	11	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Jan-07	12	660	220	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Oct-06	<5.0	240	280	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Jul-06	<5.0	200	460	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Apr-06	<5.0	340	420	6.8	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	
Jan-06	<5.0	400	280	<5.0	--	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<15	

**Historic Groundwater Volatile Organic Compound Results
Former TRW Microwave Facility
825 Stewart Drive, Sunnyvale, California**

Well Number/ Dates	PCE (µg/L)	TCE (µg/L)	cis- 1,2-DCE (µg/L)	trans- 1,2-DCE (µg/L)	Total 1,2-DCE (µg/L)	VC (µg/L)	1,1,1-TCA (µg/L)	1,1-DCE (µg/L)	1,1-DCA (µg/L)	CDM (µg/L)	Freon 11 (µg/L)	Freon 12 (µg/L)	Freon 113 (µg/L)	BFM (µg/L)	1,2-DCB (µg/L)	CBN (µg/L)	BEN (µg/L)	EBN (µg/L)	TOL (µg/L)	XYL (µg/L)
Drinking Water Standard	5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-2C ZB2																				
Oct-07	2.3	1,200	43	<2.0	--	6.8	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	36	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	
Oct-06	<2.0	190	28	<2.0	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	2.8	<2.0	<2.0	<2.0	NA	NA	NA	
Oct-05	<2.0	260	38	<2.0	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	4.8	<2.0	<2.0	<2.0	NA	NA	NA	
Oct-04	<2.0	280	37	<2.0	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	4.0	<2.0	<2.0	<2.0	NA	NA	NA	
Oct-03	<5.0	340	56	<5.0	--	6.7	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<10	
Apr-03	<1.0	1,300	47	<1.0	--	52	1.7	1.9	<1.0	NA	<2.0	<2.0	NA	<1.0	NA	<1.0	NA	<1.0	<2.0	
Oct-02	<2.5	400	59	<2.5	--	2.7	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	5.0	11	<10	<2.5	<2.5	NA	NA	NA
Jul-02	<25	1,500	47	<25	--	42	<25	<25	<25	ND	<25	<50	<25	ND	<25	<25	NA	NA	NA	
Apr-02	<25	1,500	74	<25	--	32	<25	<25	<25	ND	<25	<50	<25	ND	<25	<25	NA	NA	NA	
Jan-02	<25	1,800	110	<25	--	45	<25	<25	<25	ND	<25	<50	<25	ND	<25	<25	NA	NA	NA	
Oct-01	7.0	1,500	220	2.3	--	49	<1.0	2	<1.0	NA	5.1	<2.0	NA	<1.0	NA	1.4	NA	5.8	<1.0	19.9
Jun-01	<25	1,300	630	<25	--	110	<25	<25	<25	ND	<25	<25	<100	ND	<25	ND	NA	NA	NA	
Mar-01	<25	1,800	79	<25	--	52	<25	<25	<25	ND	<25	<25	<100	ND	<25	<25	NA	NA	NA	
Jan-01	3.3	3,400	70	2.5	--	20	<1.0	6.6	<1.0	NA	12	<2.0	NA	ND	NA	<1.0	NA	<1.0	<2.0	
Oct-00	<100	2,700	110	<100	--	<100	<100	<100	<100	<100	<100	ND	ND	380	ND	<100	<100	NA	NA	
Oct-99	<100	4,600	<100	<100	--	<100	<100	<100	<100	<100	<100	ND	ND	510	ND	<100	<100	NA	NA	
Oct-99 Dup	<100	4,000	<100	<100	--	<100	<100	<100	<100	<100	<100	ND	ND	440	ND	<100	ND	NA	NA	
Apr-99	<100	3,600	<100	<100	--	<100	<100	<100	<100	<100	<100	ND	ND	410	ND	<100	<100	NA	NA	
Oct-98	<25	1,000	130	<25	--	<25	<25	<25	<25	<25	<25	ND	ND	92	ND	<25	<25	NA	NA	
Apr-98 **	<50	3,500	<50	<50	--	<50	<50	<50	<50	<50	<50	ND	ND	320	ND	<50	<50	NA	NA	
Oct-97	<100	3,600	<100	<100	--	<100	<100	<100	<100	<100	<100	ND	ND	400	ND	<200	<100	NA	NA	
Apr-97	<25	4,000	28	<25	--	34	<25	<25	<25	ND	ND	ND	ND	420	ND	<25	ND	NA	NA	
Oct-96	<17	4,000	21	<17	--	34	<17	<17	<17	ND	ND	ND	ND	260	ND	<17	ND	NA	NA	
Oct-95	<25	3,100	--	--	<25	<50	<25	<25	<25	ND	ND	ND	ND	280	ND	<25	ND	NA	NA	
Aug-95	<40	2,000	--	--	<40	<80	<40	<40	<40	ND	ND	ND	ND	51	ND	<40	ND	NA	NA	
Oct-94	<50	3,600	--	--	<50	<50	<50	<50	<50	ND	ND	ND	ND	300	ND	<50	ND	NA	NA	
Apr-94	<5.0	7,200	--	--	20	<5.0	<5.0	<5.0	<5.0	ND	ND	ND	ND	200	ND	<5.0	ND	NA	NA	
Oct-93	<5.0	3,000	--	--	10	<10	<5.0	<5.0	<5.0	ND	ND	ND	ND	180	ND	<5.0	ND	NA	NA	
Apr-93	<50	3,400	--	--	<50	<100	<50	<50	<50	ND	ND	ND	ND	210	ND	<50	ND	NA	NA	
Oct-92	3.9	8,200	--	--	14	<1.0	1	<0.5	<0.5	ND	ND	ND	ND	NA	ND	<0.5	ND	NA	NA	
Apr-92	<20	2,800	--	--	<20	<20	<20	<20	<20	ND	ND	ND	ND	60	ND	<20	ND	NA	NA	
Jan-92	<30	5,200	--	--	<30	<30	<30	<30	<30	ND	ND	ND	ND	120	ND	<30	ND	NA	NA	
Oct-91	<20	4,700	--	--	120	<20	<20	<20	<20	ND	ND	ND	ND	200	ND	<20	ND	NA	NA	
Jul-91	<20	3,900	--	--	<20	<20	<20	<20	<20	ND	ND	ND	ND	210	ND	<20	ND	NA	NA	
Apr-91	<20	2,400	--	--	<20	<20	<20	<20	<20	ND	ND	ND	ND	50	ND	<20	ND	NA	NA	
Jan-91	<20	4,000	--	--	<20	<20	<20	<20	<20	ND	ND	ND	ND	220	ND	<20	ND	NA	NA	
Oct-90	<20	2,100	--	--	<20	<20	<20	<20	<20	ND	ND	ND	ND	90	ND	<20	ND	NA	NA	
Jul-90	<20	3,300	--	--	<20	<20	<20	<20	<20	ND	ND	ND	ND	240	ND	<20	ND	NA	NA	
Apr-90	<20	4,900	--	--	<20	<20	<20	<20	<20	ND	ND	ND	ND	370	ND	<20	ND	NA	NA	
Jan-90	<20	3,600	--	--	<20	<20	<20	<20	<20	ND	ND	ND	ND	390	ND	<20	ND	NA	NA	
Oct-89	<20	3,300	--	--	<20	<20	<20	<20	<20	ND	ND	ND	ND	180	ND	<20	--	--	--	
Aug-89	<25	4,300	--	--	<25	<25	25	<25	<25	ND	ND	ND	ND	420	ND	<25	--	--	--	
May-89	<25	3,900	--	--	<25	<25	<25	<25	<25	ND	ND	ND	ND	270	ND	<25	--	--	--	
May-89	<25	3,500	--	--	<25	<25	<25	<25	<25	ND	ND	ND	ND	230	ND	<25	--	--	--	
Feb-89	<25	3,100	--	--	<25	<25	<25	<25	<25	ND	ND	ND	ND	220	ND	<25	--	--	--	
Nov-88	65	3,000	--	--	<50	<50	<50	<50	<50	ND	ND	ND	ND	440	ND	<50	--	--	--	
Aug-88	<25	3,400	--	--	<25	<25	36	<25	<25	ND	ND	ND	ND	400	ND	<25	--	--	--	
Jun-88	<10	5,500	--	--	<10	<10	<10	<10	<10	ND	ND	ND	ND	330	ND	<10	--	--	--	
Jan-88	<100	4,400	--	--	<100	<100	<100	<100	<100	ND	ND	ND	ND	<100	ND	<100	--	--	--	
Oct-87	<25	3,500	--	--	<25	<25	<25	<25	<25	ND	ND	ND	ND	240	ND	<25	--	--	--	
Jul-87	<25	4,200	--	--	<25	<25	<25	<25	<25	ND	ND	ND	ND	220	ND	<25	--	--	--	
Jan-87	<10	3,300	--	--	<10	<10	<10	<10	<10	ND	ND	ND	ND	170	ND	<10	--	--	--	
Jul-86	<10	2,000	--	--	<10	<10	<10	<10	<10	ND	ND	ND	ND	650	ND	<10	--	--	--	
Apr-86	<2.0	1,200	--	--	<2	<2.0	<2.0	<2.0	<2.0	ND	ND	ND	ND	<2.0	ND	<2.0	--	--	--	
Mar-86	49	4,200	--	--	<25	<25	<25	<25	<25	ND	ND	ND	ND	NA	ND	<25	--	--	--	
Mar-86	<25	5,500	--	--	<25	<25	<25	<25	<25	ND	ND	ND	ND	NA	ND	<25	--	--	--	
Oct-85	<25	4,200	--	--	31	<25	<25	<25	<25	ND	ND	ND	ND	950	ND	<25	--	--	--	
Nov-84	8.4	4,400	--	--	13	NA	<1.0	NA	<0.1	NA	NA	NA	NA	NA	NA	NA	--	--	--	
Aug-84	7.2	760	--	--	3	NA	<0.1	<0.1	NA	NA	NA	NA	NA	39	ND	NA	--	--	--	
Aug-84	10	2,300	--	--	12	ND	ND	6	ND	ND	ND	ND	ND	1,000	ND	ND	--	--	--	

Historic Groundwater Volatile Organic Compound Results
Former TRW Microwave Facility
825 Stewart Drive, Sunnyvale, California

Well Number/ Dates	PCE (µg/L)	TCE (µg/L)	cis- 1,2-DCE (µg/L)	trans- 1,2- DCE (µg/L)	Total 1,2-DCE (µg/L)	VC (µg/L)	1,1,1- TCA (µg/L)	1,1- DCE (µg/L)	1,1- DCA (µg/L)	CDM (µg/L)	Freon 11 (µg/L)	Freon 12 (µg/L)	Freon 113 (µg/L)	BFM (µg/L)	1,2- DCB (µg/L)	CBN (µg/L)	BEN (µg/L)	EBN (µg/L)	TOL (µg/L)	XYL (µg/L)
Drinking Water Standard	5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-9C ZB2																				
Oct-07	<0.5	88	36	1.4	--	1.6	<0.5	1.7	<0.5	<0.5	<1.0	<0.5	1.1	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0
Oct-06	<0.5	0.88	0.54	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
Oct-05	<0.5	1.7	1.4	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
Oct-04	<0.5	6.1	2.9	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<1.0	<2.0	<0.5	<0.5	<0.5	NA	NA	NA
Oct-03	<2.5	83	59	<2.5	--	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	<5.0	<2.5	<10	<2.5	<2.5	<2.5	NA	NA	NA
Oct-02	<0.5	3.1	2.4	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<2.0	<0.5	<0.5	<0.5	NA	NA	NA
Oct-01	<5.0	94	65	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<5.0	<5.0	NA	NA	NA
Oct-00	<3.0	66	43	<3.0	--	<3.0	<3.0	<3.0	<3.0	<3.0	ND	ND	<3.0	ND	<3.0	<3.0	NA	NA	NA	NA
Oct-99	<1.0	3.9	1.9	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	ND	ND	<1.0	ND	<1.0	ND	NA	NA	NA	NA
Oct-99 Dup	<1.0	4.0	1.7	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	ND	ND	<1.0	ND	<1.0	ND	NA	NA	NA	NA
Oct-98	<1.0	2.4	<1.0	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	ND	ND	<1.0	ND	<1.0	ND	NA	NA	NA	NA
Oct-97	<0.5	2.9	0.9	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	ND	<1.0	ND	NA	NA	NA	NA
Oct-96	<0.5	25	3.8	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA
Oct-95	<1.0	8.6	--	<1.0	1.8	<2.0	<1.0	<1.0	<1.0	<1.0	ND	ND	<1.0	ND	<1.0	ND	NA	NA	NA	NA
Oct-94	<0.5	12	--	--	2	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA
Oct-93	<0.5	66	--	--	13	<1.0	<0.5	<0.5	<0.5	<0.5	ND	ND	4.9	ND	<0.5	ND	NA	NA	NA	NA
Oct-92	<0.5	8	--	--	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	ND	ND	ND	ND	<0.5	ND	NA	NA	NA	NA
Oct-91	<0.5	51	--	--	1	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	18	ND	<0.5	ND	NA	NA	NA	NA
Oct-90	<0.5	81	--	--	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	ND	ND	9.0	ND	<0.5	ND	NA	NA	NA	NA
Oct-90	<0.5	73	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	9.8	ND	<0.5	ND	NA	NA	NA	NA
Aug-89	<1.0	190	--	--	1	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	33	ND	<1.0	--	--	--	--	--
May-88	<2.5	470	--	--	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	--	--	160	ND	<2.5	--	--	--	--	--
Jan-88	<5.0	330	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	280	ND	<5.0	--	--	--	--	--
Jul-86	<0.5	9.2	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	32	ND	<0.5	--	--	--	--	--
Apr-86	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	ND	<0.5	--	--	--	--	--
Jan-86	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	NA	ND	<0.5	--	--	--	--	--
Oct-85	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	ND	<0.5	--	--	--	--	--
Jan-85	<0.5	<0.5	--	--	<0.5	NA	<0.5	NA	<0.5	NA	--	--	<0.5	ND	NA	--	--	--	--	--

Historic Groundwater Volatile Organic Compound Results
Former TRW Microwave Facility
825 Stewart Drive, Sunnyvale, California

Well Number/ Dates	PCE ($\mu\text{g/L}$)	TCE ($\mu\text{g/L}$)	cis- 1,2-DCE ($\mu\text{g/L}$)	trans- 1,2- DCE ($\mu\text{g/L}$)	Total 1,2-DCE ($\mu\text{g/L}$)	VC ($\mu\text{g/L}$)	1,1,- TCA ($\mu\text{g/L}$)	1,1- DCE ($\mu\text{g/L}$)	1,1- DCA ($\mu\text{g/L}$)	CDM ($\mu\text{g/L}$)	Freon 11 ($\mu\text{g/L}$)	Freon 12 ($\mu\text{g/L}$)	Freon 113 ($\mu\text{g/L}$)	BFM ($\mu\text{g/L}$)	1,2- DCB ($\mu\text{g/L}$)	CBN ($\mu\text{g/L}$)	BEN ($\mu\text{g/L}$)	EBN ($\mu\text{g/L}$)	TOL ($\mu\text{g/L}$)	XYL ($\mu\text{g/L}$)
Drinking Water Standard	5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-10C ZB2																				
Oct-07	2.5	4,500	100	6.5	--	6.8	<2.5	7.1	<2.5	<2.5	<2.5	<2.5	570	<5.0	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0
Oct-06	<2.5	340	14	<2.5	--	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	70	<2.5	<2.5	<2.5	NA	NA	NA	NA
Oct-05	<5.0	710	28	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	110	<5.0	<5.0	<5.0	NA	NA	NA	NA
Oct-04	<2.0	270	10	<2.0	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	39	<8.0	<2.0	<2.0	NA	NA	NA	NA
Oct-03	<5.0	290	9.8	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10	40	<20	<5.0	<5.0	NA	NA	NA	NA
Oct-02	<2.5	390	18	<2.5	--	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	<5.0	61	<10	<2.5	<2.5	NA	NA	NA	NA
Oct-01	<50	1,600	180	<50	--	<50	<50	<50	<50	<50	<50	100	780	<200	<50	<50	NA	NA	NA	NA
Oct-00	<40	440	58	<40	--	<40	<40	<40	<40	<40	ND	ND	<40	ND	<40	<40	NA	NA	NA	NA
Oct-99	<2.0	110	20	<2.0	--	<2.0	<2.0	<2.0	<2.0	<2.0	ND	ND	ND	11	ND	<2.0	ND	NA	NA	NA
Oct-98	<5.0	130	12	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	ND	ND	ND	9.7	ND	<5.0	ND	NA	NA	NA
Oct-97	<2.5	57	<2.5	<2.5	--	<2.5	<2.5	<2.5	<2.5	<2.5	ND	ND	ND	<2.5	ND	<5.0	ND	NA	NA	NA
Oct-96	<0.5	46	1.6	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	ND	0.8	ND	<0.5	ND	NA	NA	NA
Oct-95	<1.0	38	--	--	3.2	<2.0	<1.0	<1.0	<1.0	<1.0	ND	ND	ND	<1.0	ND	<1.0	ND	NA	NA	NA
Oct-94	<25	200	--	--	<25	<25	<25	<25	<25	<25	ND	ND	ND	<25	ND	<25	ND	NA	NA	NA
Oct-93	<0.5	260	--	--	0.9	<1.0	<0.5	<0.5	<0.5	<0.5	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA
Oct-92	<0.5	250	--	--	0.8	<1.0	<0.5	<0.5	<0.5	<0.5	ND	ND	ND	NA	ND	<0.5	ND	NA	NA	NA
Oct-92	<0.5	290	--	--	0.9	<1.0	<0.5	<0.5	<0.5	<0.5	ND	ND	ND	ND	ND	<0.5	ND	NA	NA	NA
Oct-92	<0.5	97	--	--	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	ND	8.3	ND	<0.5	ND	NA	NA	NA
Apr-92	3.0	2,300	--	--	6.5	<0.5	4.5	79	0.6	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA
Apr-92	<20	4,400	--	--	<20	<20	<20	<20	<20	<20	ND	ND	ND	<20	ND	<20	ND	NA	NA	NA
Jan-92	<30	2,900	--	--	<30	<30	<30	<30	<30	<30	ND	ND	ND	90	ND	<30	ND	NA	NA	NA
Oct-91	<50	5,900	--	--	<50	<50	<50	<50	<50	<50	ND	ND	ND	<50	ND	<50	ND	NA	NA	NA
Oct-91	<20	2,700	--	--	<20	<20	<20	<20	<20	<20	ND	ND	ND	110	ND	<20	ND	NA	NA	NA
Oct-91	<10	4,100	--	--	<10	<20	<10	<10	<10	<10	ND	ND	ND	180	ND	<10	ND	NA	NA	NA
Jul-91	<50	7,000	--	--	<50	<50	<50	<50	<50	<50	ND	ND	ND	220	ND	<50	ND	NA	NA	NA
Jul-91	<50	6,800	--	--	<50	<50	<50	<50	<50	<50	ND	ND	ND	360	ND	<50	ND	NA	NA	NA
Jul-91	<50	5,400	--	--	<50	<100	<50	<50	<50	<50	ND	ND	ND	200	ND	<50	ND	NA	NA	NA
Apr-91	1	2,200	--	--	5.5	<1.0	6.0	16	1.4	ND	ND	ND	170	ND	<0.5	ND	NA	NA	NA	
Apr-91	<50	5,200	--	--	<50	<50	<50	<50	<50	<50	ND	ND	ND	340	ND	<50	ND	NA	NA	NA
Apr-91	<50	3,500	--	--	<50	<50	<50	<50	<50	<50	ND	ND	ND	210	ND	<50	ND	NA	NA	NA
Jan-91	<20	4,100	--	--	<20	<20	<20	<20	40	<20	ND	ND	ND	150	ND	<20	ND	NA	NA	NA
Jan-91	<20	4,000	--	--	<20	<20	<20	<20	<20	<20	ND	ND	ND	160	ND	<20	ND	NA	NA	NA
Jan-91	<25	3,000	--	--	<25	<50	27	41	<25	ND	ND	ND	270	ND	<25	ND	NA	NA	NA	
Oct-90	<20	4,200	--	--	<20	<20	<20	<20	<20	<20	ND	ND	ND	550	ND	<20	ND	NA	NA	NA
Jul-90	<20	4,600	--	--	<20	<20	<20	<20	<20	<20	ND	ND	ND	490	ND	<20	ND	NA	NA	NA
Jul-90	<200	6,800	--	--	<200	<400	<200	<200	<200	<200	ND	ND	ND	860	ND	<200	ND	NA	NA	NA
Apr-90	<100	11,000	--	--	<100	<100	<100	<100	<100	<100	ND	ND	ND	670	ND	<100	ND	NA	NA	NA
Apr-90	<100	11,000	--	--	<100	<100	<100	<100	<100	<100	ND	ND	ND	600	ND	<100	ND	NA	NA	NA
Apr-90	<25	7,500	--	--	<25	<50	55	45	<25	ND	ND	ND	1,100	ND	<25	ND	NA	NA	NA	
Jan-90	<100	16,000	--	--	<100	<100	<100	<100	<100	<100	ND	ND	ND	1,800	ND	<100	ND	NA	NA	NA
Jan-90	<100	15,000	--	--	<100	<100	<100	<100	<100	<100	ND	ND	ND	1,600	ND	<100	ND	NA	NA	NA
Jan-90	<20	15,000	--	--	<20	<20	<90	<20	<20	<20	ND	ND	ND	1,600	ND	<20	ND	NA	NA	NA
Oct-89	<50	13,000	--	--	<50	<50	<50	<50	<50	<50	ND	ND	ND	3,400	ND	<50	ND	--	--	--
Aug-89	<50	13,000	--	--	<50	<50	200	<50	<50	<50	ND	ND	ND	1,500	ND	<50	ND	--	--	--
May-89	13	14,000	--	--	10.3	<0.2	320	80	10	ND	ND	ND	1,900	ND	<0.2	ND	--	--	--	
May-89	<50	13,000	--	--	<50	<50	250	<50	<50	<50	ND	ND	ND	1,700	ND	<50	ND	--	--	--
Feb-89	<250	9,300	--	--	<250	<250	<250	<250	<250	<250	ND	ND	ND	550	ND	<250	ND	--	--	--
Nov-88	<50	12,000	--	--	<50	<50	200	50	<50	<50	ND	ND	ND	1,400	ND	<50	ND	--	--	--
Aug-88	<100	16,000	--	--	<100	<100	300	<100	<100	<100	ND	ND	ND	2,300	ND	<100	ND	--	--	--
May-88	<50	7,100	--	--	<50	<50	100	<50	<50	<50	ND	ND	ND	640	ND	<50	ND	--	--	--
Jan-88	<100	10,000	--	--	<100	<100	<100	<100	<100	<100	ND	ND	ND	3,200	ND	<100	ND	--	--	--
Oct-87	<50	6,700	--	--	<50	<50	60	<50	<50	<50	ND	ND	ND	1,700	ND	<50	ND	--	--	--
Jun-87	<25	4,200	--	--	<25	<25	<25	<25	<25	<25	ND	ND	ND	460	ND	<25	ND	--	--	--
Apr-87	<10	2,000	--	--	<10	<10	10	66	<10	<10	ND	ND	ND	360	ND	<10	ND	--	--	--
Jan-87	<50	9,500	--	--	<50	<50	<50	<50	<50	<50	ND	ND	ND	700	ND	<50	ND	--	--	--
Sep-86	130	3,600	--	--	<25	<25	<25	<25	<25	<25	ND	ND	ND	1,100	ND	<25	ND	--	--	--
Jul-86	<1.0	6,800	--	--	<1.0	<1.0	44	54	<1.0	<1.0	ND	ND	ND	1,600	ND	<1.0	ND	--	--	--
Jul-86	<25	5,400	--	--	<25	<25	<25	<25	<25	<25	ND	ND	ND	2,700	ND	<25	ND	--	--	--

Historic Groundwater Volatile Organic Compound Results
Former TRW Microwave Facility
825 Stewart Drive, Sunnyvale, California

Well Number/ Dates	PCE (µg/L)	TCE (µg/L)	cis- 1,2-DCE (µg/L)	trans- 1,2- DCE (µg/L)	Total 1,2-DCE (µg/L)	VC (µg/L)	1,1,1- TCA (µg/L)	1,1- DCE (µg/L)	1,1- DCA (µg/L)	CDM (µg/L)	Freon 11 (µg/L)	Freon 12 (µg/L)	Freon 113 (µg/L)	BFM (µg/L)	1,2- DCB (µg/L)	CBN (µg/L)	BEN (µg/L)	EBN (µg/L)	TOL (µg/L)	XYL (µg/L)
Drinking Water Standard	5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-11C ZB2																				
Oct-07	<2.5	290	20	<2.5	--	11	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	14	<5.0	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0
Oct-06	<2.5	330	22	<2.5	--	11	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	13	<2.5	<2.5	<2.5	NA	NA	NA	NA
Oct-05	<0.5	28	1.6	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	0.8	<0.5	<0.5	<0.5	NA	NA	NA	NA
Oct-04	<0.5	27	1.2	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<2.0	<0.5	<0.5	NA	NA	NA	NA
Oct-03	<0.5	17	0.53	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<2.0	<0.5	<0.5	NA	NA	NA	NA
Oct-02	<2.5	63	2.6	<2.5	--	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5	<10	<2.5	<2.5	NA	NA	NA	NA
Oct-01	<5.0	300	5.7	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	10	<5.0	<5.0	<5.0	NA	NA	NA	NA
Oct-00	<30	320	<30	<30	--	<30	<30	<30	<30	<30	ND	ND	<30	ND	<30	<30	NA	NA	NA	NA
Oct-99	<5.0	290	<5.0	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA	NA
Oct-98	<10	270	<10	<10	--	<10	<10	<10	<10	<10	ND	ND	<10	ND	<10	ND	NA	NA	NA	NA
Oct-98 Dup	<2.0	160	<2.0	<2.0	--	<2.0	<2.0	<2.0	<2.0	<2.0	ND	ND	4.4	ND	<2.0	ND	NA	NA	NA	NA
Oct-97	<1.0	36	2.0	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	ND	ND	<1.0	ND	<2.0	ND	NA	NA	NA	NA
Oct-96	<0.5	37	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	1.0	ND	<0.5	ND	NA	NA	NA	NA
Oct-95	<1.0	54	--	--	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	ND	ND	2.1	ND	<1.0	ND	NA	NA	NA	NA
Oct-94	<5.0	110	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA	NA
Oct-93	<0.5	210	--	--	2.3	<1.0	<0.5	<0.5	<0.5	<0.5	ND	ND	7.5	ND	<0.5	ND	NA	NA	NA	NA
Oct-92	<0.5	150	--	--	9.3	<1.0	<0.5	<0.5	<0.5	<0.5	ND	ND	NA	ND	<0.5	ND	NA	NA	NA	NA
Apr-92	<10	1,500	--	--	<10	<10	<10	<10	<10	<10	ND	ND	<10	ND	<10	ND	NA	NA	NA	NA
Jan-92	<5.0	1,000	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND	ND	67	ND	<5.0	ND	NA	NA	NA	NA
Oct-91	<5.0	960	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND	ND	28	ND	<5.0	ND	NA	NA	NA	NA
Jul-91	<2.0	800	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ND	ND	42	ND	<2.0	ND	NA	NA	NA	NA
Apr-91	<2.0	270	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ND	ND	18	ND	<2.0	ND	NA	NA	NA	NA
Jan-91	<2.0	290	--	--	4.0	<2.0	<2.0	<2.0	<2.0	<2.0	ND	ND	10	ND	<2.0	ND	NA	NA	NA	NA
Oct-90	<2.0	330	--	--	16	<2.0	<2.0	<2.0	<2.0	<2.0	ND	ND	16	ND	<2.0	ND	NA	NA	NA	NA
Jul-90	<5.0	330	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND	ND	7.0	ND	<5.0	ND	NA	NA	NA	NA
Apr-90	<5.0	570	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND	ND	13	ND	<5.0	ND	NA	NA	NA	NA
Jan-90	<2.0	410	--	--	5.0	<2.0	<2.0	<2.0	<2.0	<2.0	ND	ND	15	ND	<2.0	ND	NA	NA	NA	NA
Oct-89	<1.0	500	--	--	40	<1.0	<1.0	<1.0	<1.0	<1.0	--	ND	--	70	ND	<1.0	--	--	--	--
Aug-89	<2.0	680	--	--	72	<2.0	<2.0	<2.0	<2.0	<2.0	--	ND	--	47	ND	<2.0	--	--	--	--
May-89	<2.5	560	--	--	23	<2.5	<2.5	<2.5	<2.5	<2.5	--	ND	--	49	ND	<2.5	--	--	--	--
Feb-89	<25	780	--	--	<25	<25	<25	<25	<25	<25	--	ND	--	42	ND	<25	--	--	--	--
Nov-88	<10	740	--	--	<10	<10	<10	<10	<10	<10	--	ND	--	100	ND	<10	--	--	--	--
Aug-88	<25	1,800	--	--	87	<25	<25	<25	<25	<25	--	ND	--	230	ND	<25	--	--	--	--
May-88	<5.0	1,100	--	--	40	<5.0	<5.0	<5.0	<5.0	<5.0	--	ND	--	120	ND	<5.0	--	--	--	--
Jan-88	<25	2,200	--	--	<25	<25	<25	<25	<25	<25	--	ND	--	430	ND	<25	--	--	--	--
Oct-87	<10	1,900	--	--	<10	<10	<10	<10	<10	<10	--	ND	--	140	ND	<10	--	--	--	--
Jun-87	<10	2,900	--	--	<10	<10	<10	<10	<10	<10	--	ND	--	230	ND	<10	--	--	--	--
Apr-87	11	1,600	--	--	87	<10	<10	<10	<10	<10	--	ND	--	210	ND	<10	--	--	--	--
Jan-87	<10	2,200	--	--	<10	<10	<10	<10	<10	<10	--	ND	--	260	ND	<10	--	--	--	--
Sep-86	62	3,100	--	--	<25	<25	<25	<25	<25	<25	--	ND	--	660	ND	<25	--	--	--	--
Jul-86	<1.0	1,800	--	--	<1.0	<1.0	9.7	3.2	<1.0	<1.0	--	ND	--	710	ND	<1.0	--	--	--	--
Jul-86	<25	4,600	--	--	<25	<25	<25	<25	<25	<25	--	ND	--	2,000	ND	<25	--	--	--	--

Historic Groundwater Volatile Organic Compound Results
Former TRW Microwave Facility
825 Stewart Drive, Sunnyvale, California

Well Number/ Dates	PCE ($\mu\text{g/L}$)	TCE ($\mu\text{g/L}$)	cis- 1,2-DCE ($\mu\text{g/L}$)	trans- 1,2- DCE ($\mu\text{g/L}$)	Total 1,2-DCE ($\mu\text{g/L}$)	VC ($\mu\text{g/L}$)	1,1,1- TCA ($\mu\text{g/L}$)	1,1- DCE ($\mu\text{g/L}$)	1,1- DCA ($\mu\text{g/L}$)	CDM ($\mu\text{g/L}$)	Freon 11 ($\mu\text{g/L}$)	Freon 12 ($\mu\text{g/L}$)	Freon 113 ($\mu\text{g/L}$)	BFM ($\mu\text{g/L}$)	1,2- DCB ($\mu\text{g/L}$)	CBN ($\mu\text{g/L}$)	BEN ($\mu\text{g/L}$)	EBN ($\mu\text{g/L}$)	TOL ($\mu\text{g/L}$)	XYL ($\mu\text{g/L}$)
Drinking Water Standard	5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-12C ZB2																				
Oct-07	<2.0	210	19	<2.0	--	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	5.2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0
Oct-06	<2.0	210	37	<2.0	--	3.1	<2.0	<2.0	<2.0	<2.0	<4.0	5.7	<2.0	<2.0	<2.0	NA	NA	NA	NA	NA
Oct-05	<2.0	180	39	<2.0	--	4.3	<2.0	<2.0	<2.0	<2.0	<4.0	5.4	<2.0	<2.0	<2.0	NA	NA	NA	NA	NA
Oct-04	<2.0	240	50	<2.0	--	4.2	<2.0	<2.0	<2.0	<2.0	<4.0	7.6	<8.0	<2.0	<2.0	NA	NA	NA	NA	NA
Oct-03	<5.0	210	61	<5.0	--	6.2	<5.0	<5.0	<5.0	<5.0	<10	<10	7.8	<20	<5.0	<5.0	NA	NA	NA	NA
Oct-02	<1.0	180	17	1.4	--	1.9	<1.0	1.7	<1.0	<1.0	<2.0	<2.0	2.6	<4.0	<1.0	<1.0	NA	NA	NA	NA
Oct-01	<5.0	150	14	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<20	<5.0	<5.0	NA	NA	NA	NA	NA
Oct-00	<10	160	14	<10	--	<10	<10	<10	<10	<10	ND	ND	<10	ND	<10	<10	NA	NA	NA	NA
Oct-99	<2.0	130	18	<2.0	--	2.6	<2.0	<2.0	<2.0	ND	ND	ND	2.7	ND	<2.0	ND	NA	NA	NA	NA
Oct-98	<5.0	140	<5.0	<5.0	--	<5.0	<5.0	<5.0	<5.0	ND	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA	NA
Oct-98 Dup	<2.0	110	5.6	<2.0	--	<2.0	<2.0	<2.0	<2.0	ND	ND	ND	2.2	ND	<2.0	ND	NA	NA	NA	NA
Oct-97	<2.5	150	<2.5	<2.5	--	<2.5	<2.5	<2.5	<2.5	ND	ND	ND	<2.5	ND	<5.0	ND	NA	NA	NA	NA
Oct-96	<0.5	120	2.4	<0.5	--	<0.5	<0.5	<0.5	<0.5	ND	ND	ND	2.8	ND	<0.5	ND	NA	NA	NA	NA
Oct-95	<1.0	100	--	--	110	5.7	<1.0	<1.0	<1.0	ND	ND	ND	5.7	ND	<1.0	ND	NA	NA	NA	NA
Oct-94	<5.0	130	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	ND	ND	ND	<5.0	ND	<5.0	ND	NA	NA	NA	NA
Oct-93	<5.0	210	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	ND	ND	ND	6.0	ND	<5.0	ND	NA	NA	NA	NA
Oct-92	<0.5	130	--	--	2.0	<1.0	<0.5	<0.5	<0.5	ND	ND	ND	NA	ND	<0.5	ND	NA	NA	NA	NA
Apr-92	<2.0	430	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	ND	ND	ND	<2.0	ND	<2.0	ND	NA	NA	NA	NA
Jan-92	<3.0	410	--	--	<3.0	<3.0	<3.0	<3.0	<3.0	ND	ND	ND	10	ND	<3.0	ND	NA	NA	NA	NA
Oct-91	<1.0	250	--	--	10	<1.0	<1.0	<1.0	<1.0	ND	ND	ND	11	ND	<1.0	ND	NA	NA	NA	NA
Jul-91	<1.0	240	--	--	19	<1.0	<1.0	<1.0	<1.0	ND	ND	ND	16	ND	<1.0	ND	NA	NA	NA	NA
Apr-91	<2.0	290	--	--	6.0	<2.0	<2.0	<2.0	<2.0	ND	ND	ND	7.0	ND	<2.0	ND	NA	NA	NA	NA
Jan-91	<2.0	290	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	ND	ND	ND	4.0	ND	<2.0	ND	NA	NA	NA	NA
Oct-90	<2.0	350	--	--	2.0	<2.0	<2.0	<2.0	<2.0	ND	ND	ND	14	ND	<2.0	ND	NA	NA	NA	NA
Jul-90	<2.0	460	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	ND	ND	ND	13	ND	<2.0	ND	NA	NA	NA	NA
Apr-90	<2.0	390	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	ND	ND	ND	9.0	ND	<2.0	ND	NA	NA	NA	NA
Jan-90	<2.0	440	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	ND	ND	ND	21	ND	<2.0	ND	NA	NA	NA	NA
Oct-89	<2.0	410	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	--	ND	--	17	ND	<2.0	--	--	--	--	--
Aug-89	<2.0	350	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	--	ND	--	17	ND	<2.0	--	--	--	--	--
Aug-89	<10	260	--	--	<10	<20	<10	<10	<10	--	ND	--	NA	ND	NA	--	--	--	--	--

Historic Groundwater Volatile Organic Compound Results
Former TRW Microwave Facility
825 Stewart Drive, Sunnyvale, California

Well Number/ Dates	PCE ($\mu\text{g/L}$)	TCE ($\mu\text{g/L}$)	cis- 1,2-DCE ($\mu\text{g/L}$)	trans- 1,2- DCE ($\mu\text{g/L}$)	Total 1,2-DCE ($\mu\text{g/L}$)	VC ($\mu\text{g/L}$)	1,1,1- TCA ($\mu\text{g/L}$)	1,1- DCE ($\mu\text{g/L}$)	1,1- DCA ($\mu\text{g/L}$)	CDM ($\mu\text{g/L}$)	Freon 11 ($\mu\text{g/L}$)	Freon 12 ($\mu\text{g/L}$)	Freon 113 ($\mu\text{g/L}$)	BFM ($\mu\text{g/L}$)	1,2- DCB ($\mu\text{g/L}$)	CBN ($\mu\text{g/L}$)	BEN ($\mu\text{g/L}$)	EBN ($\mu\text{g/L}$)	TOL ($\mu\text{g/L}$)	XYL ($\mu\text{g/L}$)
Drinking Water Standard	5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
36DD ZB2																				
Oct-07+	<0.5	1.5	22	0.8	--	3.6	<0.5	<0.5	<0.5	ND	ND	ND	<0.5	ND	<0.5	<0.5	NA	NA	NA	NA
Oct-06+	<0.5	0.8	22	1.2	--	6.2	<0.5	<0.5	0.5	ND	ND	ND	<0.5	ND	<0.5	<0.5	NA	NA	NA	NA
Oct-05+	<0.5	<0.5	73	2.5	--	12	<0.5	0.5	0.7	ND	ND	ND	<1.0	ND	<0.5	ND	NA	NA	NA	NA
Oct-04+	<0.5	0.5	31	2.2	--	4.5	<0.5	<0.5	0.5	ND	ND	ND	<1.0	ND	<0.5	ND	NA	NA	NA	NA
Oct-03+	<0.5	1.2	29	1.9	--	4.6	<0.5	<0.5	<0.5	ND	ND	ND	<1.0	ND	<0.5	ND	NA	NA	NA	NA
Oct-02+	<0.5	8.1	130	2.2	--	1.3	<0.5	0.7	1.0	ND	ND	ND	<1.0	ND	<0.5	ND	NA	NA	NA	NA
Oct-01+	<0.5	11	110	1.6	--	<0.5	<0.5	0.8	1.1	ND	ND	ND	<1.0	ND	<0.5	ND	NA	NA	NA	NA
Oct-00+	<0.5	6.4	100	1.4	--	<1.0	<0.5	<0.5	1.0	ND	ND	ND	<1.0	ND	<0.5	ND	NA	NA	NA	NA
Apr-98+	<1.2	11	42	<1.2	--	<1.2	NA	<1.2	<1.2	ND	ND	ND	<5.0	ND	<1.2	ND	NA	NA	NA	NA
Oct-99	<1.0	10	77	1.2	--	<1.0	<1.0	<1.0	1.0	ND	ND	ND	<1.0	ND	<1.0	ND	NA	NA	NA	NA
Oct-97+	<0.5	13	49	1.1	--	<0.5	<0.5	0.5	0.7	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA
Oct-96	<0.5	22	29	1.4	--	<0.5	<0.5	<0.5	0.5	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA
Oct-95	<1.0	42	--	--	15.1	<2.0	<1.0	<1.0	<1.0	ND	ND	ND	<1.0	ND	<1.0	ND	NA	NA	NA	NA
Oct-94	<0.5	58	--	--	12	<0.5	<0.5	<0.5	<0.5	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA
Oct-93	<0.5	38	--	--	8.7	<1.0	<0.5	<0.5	0.6	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA
Oct-92	<0.5	29	--	--	5.8	<1.0	<0.5	<0.5	0.6	ND	ND	ND	NA	ND	<0.5	ND	NA	NA	NA	NA
Apr-92	<0.5	45	--	--	11	<0.5	<0.5	<0.5	<0.5	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA
Jan-92	<0.5	37	--	--	23	<0.5	<0.5	<0.5	0.9	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA
Oct-91	<0.5	36	--	--	21	<0.5	<0.5	<0.5	0.8	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA
Jul-91	<0.5	29	--	--	22	<0.5	<0.5	<0.5	0.8	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA
Apr-91	<0.5	27	--	--	18	<0.5	<0.5	<0.5	0.6	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA
Jan-91	<0.5	26	--	--	16	<0.5	<0.5	<0.5	0.6	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA
Oct-90	<0.5	1,100	--	--	16	<0.5	<0.5	<0.5	<0.5	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA
Jul-90	<0.5	28	--	--	14	<0.5	<0.5	<0.5	<0.5	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA
Apr-90	<0.5	35	--	--	15	<0.5	<0.5	<0.5	<0.5	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA
Jan-90	<0.5	57	--	--	20	<0.5	<0.5	<0.5	0.7	ND	ND	ND	<0.5	ND	<0.5	ND	NA	NA	NA	NA
Oct-89	<0.5	62	--	--	13	<0.5	<0.5	<0.5	0.5	1.5	--	ND	--	<0.5	ND	<0.5	--	--	--	--
Aug-89	<0.5	70	--	--	21	<0.5	<0.5	<0.5	1.5	3.1	--	ND	--	<0.5	ND	<0.5	--	--	--	--
May-89	<0.5	68	--	--	18	<0.5	1.1	1	2	--	ND	--	<0.5	ND	<0.5	--	--	--	--	--
Feb-89	<5.0	72	--	--	16	<5.0	<5.0	<5.0	<5.0	ND	--	ND	--	<5.0	ND	<5.0	--	--	--	--
Nov-88	<5.0	85	--	--	25	<5.0	<5.0	<5.0	<5.0	ND	--	ND	--	<5.0	ND	<5.0	--	--	--	--
Aug-88	<1.0	72	--	--	43	<1.0	1.6	1.4	3.7	--	ND	--	4.7	ND	<1.0	--	--	--	--	--
May-88	<0.5	68	--	--	40	<0.5	1.5	1.6	5.0	--	ND	--	2.6	ND	<0.5	--	--	--	--	--
Jan-88	<0.5	38	--	--	25	<0.5	1.0	<0.5	3.4	--	ND	--	1.9	ND	<0.5	--	--	--	--	--
Oct-87	<0.5	40	--	--	30	<0.5	1.4	0.7	3.0	--	ND	--	<0.5	ND	<0.5	--	--	--	--	--
Jun-87	<0.5	32	--	--	38	<0.5	<0.5	<0.5	1.8	--	ND	--	<0.5	ND	<0.5	--	--	--	--	--
Apr-87	<0.5	53	--	--	45	<0.5	2.8	1.3	2.2	--	ND	--	<0.5	ND	<0.5	--	--	--	--	--
Jan-87	<0.5	26	--	--	16	<0.5	<0.5	<0.5	2.3	--	ND	--	<0.5	ND	<0.5	--	--	--	--	--
Sep-86	<0.5	20	--	--	23	<0.5	<0.5	<0.5	1.8	--	ND	--	<0.5	ND	<0.5	--	--	--	--	--
Jul-86	<0.5	27	--	--	22	<0.5	<0.5	<0.5	<0.5	ND	--	ND	--	<0.5	ND	<0.5	--	--	--	--
Apr-86	<0.5	27	--	--	2.4	<0.5	<0.5	<0.5	1.8	--	ND	--	<0.5	ND	<0.5	--	--	--	--	--
Jan-86	<0.5	31	--	--	24	<0.5	<0.5	<0.5	<0.5	ND	--	NA	ND	<0.5	--	--	--	--	--	--
Oct-85	<0.5	8.6	--	--	17	<0.5	<0.5	<0.5	<0.5	ND	--	<0.5	ND	<0.5	--	--	--	--	--	--
Nov-84	<0.5	5.1	--	--	6.3	NA	<0.5	NA	NA	--	ND	--	NA	ND	NA	--	--	--	--	--
Mar-84	NA	11	--	--	NA	NA	NA	NA	NA	--	ND	--	NA	ND	NA	--	--	--	--	--
Aug-83	<1.0	12	--	--	1.7	ND	<1.0	<1.0	<1.0	--	ND	--	<1.0	ND	ND	--	--	--	--	--
May-83	ND	990	--	--	120	ND	ND	ND	ND	--	ND	--	ND	ND	ND	--	--	--	--	--
Apr-83	20	18	--	--	2	ND	18	ND	ND	--	ND	--	ND	ND	ND	--	--	--	--	--

Historic Groundwater Volatile Organic Compound Results
Former TRW Microwave Facility
825 Stewart Drive, Sunnyvale, California

Well Number/ Dates	PCE ($\mu\text{g/L}$)	TCE ($\mu\text{g/L}$)	cis- 1,2-DCE ($\mu\text{g/L}$)	trans- 1,2- DCE ($\mu\text{g/L}$)	Total 1,2-DCE ($\mu\text{g/L}$)	VC ($\mu\text{g/L}$)	1,1,1- TCA ($\mu\text{g/L}$)	1,1- DCE ($\mu\text{g/L}$)	1,1- DCA ($\mu\text{g/L}$)	CDM ($\mu\text{g/L}$)	Freon 11 ($\mu\text{g/L}$)	Freon 12 ($\mu\text{g/L}$)	Freon 113 ($\mu\text{g/L}$)	BFM ($\mu\text{g/L}$)	1,2- DCB ($\mu\text{g/L}$)	CBN ($\mu\text{g/L}$)	BEN ($\mu\text{g/L}$)	EBN ($\mu\text{g/L}$)	TOL ($\mu\text{g/L}$)	XYL ($\mu\text{g/L}$)
Drinking Water Standard	5	5	6	10	6	0.5	200	6	5	100	150	NE	1200	100	600	70	1	300	150	1750
T-8D ZB4																				
Per Water Board approval, groundwater sampling of well T-8D was suspended in 2002.																				
Oct-01	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<2.0	<2.0	<0.5	NA	NA	NA	NA	
Oct-00	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND	ND	<1.0	<1.0	NA	NA	NA	NA	
Oct-99	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND	ND	<1.0	<1.0	ND	NA	NA	NA	
Apr-99	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND	ND	<1.0	<1.0	ND	NA	NA	NA	
Oct-98	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND	ND	<1.0	<1.0	ND	NA	NA	NA	
Apr-98	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<2.0	<0.5	ND	NA	NA	NA	
Oct-97	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<1.0	ND	NA	NA	NA	
Apr-97	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	ND	NA	NA	NA	
Oct-96	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	ND	NA	NA	NA	
Apr-96	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	ND	NA	NA	NA	
Oct-95	<1.0	<1.0	--	--	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND	ND	<1.0	<1.0	ND	NA	NA	NA	
Oct-94	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	ND	NA	NA	NA	
Apr-94	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	ND	NA	NA	NA	
Oct-93	<0.5	<0.5	--	--	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	ND	NA	NA	NA	
Apr-93	<0.5	<0.5	--	--	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	NA	<0.5	ND	NA	NA	NA	
Oct-92	<0.5	<0.5	--	--	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	ND	NA	NA	NA	
Apr-92	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	ND	NA	NA	NA	
Jan-92	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	ND	NA	NA	NA	
Oct-91	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	ND	NA	NA	NA	
Jul-91	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	ND	NA	NA	NA	
Apr-91	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	ND	NA	NA	NA	
Jan-91	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	ND	NA	NA	NA	
Oct-90	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	ND	NA	NA	NA	
Jul-90	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	ND	NA	NA	NA	
Apr-90	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	ND	NA	NA	NA	
Jan-90	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	ND	NA	NA	NA	
Oct-89	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	ND	<0.5	<0.5	--	--	--	--	
Aug-89	<1.0	<1.0	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	ND	<1.0	<1.0	--	--	--	--	
May-89	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	ND	<0.5	<0.5	--	--	--	--	
Feb-89	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	ND	<0.5	<0.5	--	--	--	--	
Nov-88	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	ND	<0.5	<0.5	--	--	--	--	
Aug-88	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	ND	<0.5	<0.5	--	--	--	--	
May-88	<0.5	0.6	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	ND	<0.5	<0.5	--	--	--	--	
Jan-88	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	ND	<0.5	<0.5	--	--	--	--	
Oct-87	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	ND	<0.5	<0.5	--	--	--	--	
Sep-86	<0.5	2.3	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	ND	<0.5	<0.5	--	--	--	--	
Jul-86	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	ND	<0.5	<0.5	--	--	--	--	
Apr-86	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	ND	<0.5	<0.5	--	--	--	--	
Jan-86	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	ND	<0.5	<0.5	--	--	--	--	
Oct-85	<0.5	1.1	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	ND	55	ND	<0.5	--	--	--	
Dec-84	<0.5	<0.5	--	--	<0.5	NA	<0.5	NA	NA	--	ND	<0.5	ND	NA	--	--	--	--	--	

Notes:

Drinking water standards are Maximum Contaminant Levels (MCLs) as established by the California Department of Health Services, or if no California MCLs have been established, then USEPA MCLs were used.

-- = Data reported as total 1,2-DCE prior to 1996.

^ = Data not previously reported due to low levels.

< = Not detected at the detection limit shown.

+ = Data provided by AMD.

** = Well resampled in July 1998 due to potential labeling error.

NA = Not Analyzed

ND = Not Detected

NE = Not Established

$\mu\text{g/L}$ = microgram per liter

Water Board = California Regional Water Quality Control Board - San Francisco Bay Region

(1) - Initial results of 268 $\mu\text{g/L}$ for cis-1,2-DCE was higher than standard of 200 $\mu\text{g/L}$. When rerun with dilution of 50, the result was <250 $\mu\text{g/L}$. Initial result reported in table.

1,1,1-TCA = 1,1,1-trichloroethane

EBN = Ethylbenzene

1,1-DCA = 1,1-dichloroethane

Freon 11 = Trichlorofluoromethane

1,1-DCE = 1,1-dichloroethene

Freon 12 = Dichlorodifluoromethane

1,2-DCB = 1,2-dichlorobenzene

Freon 113 = 1,1,2-trichloro-1,2,2-trifluoroethane

1,2-DCE = 1,2-dichloroethene

PCE = Tetrachloroethylene

BEN = Benzene

TCE = Trichloroethylene

BFM = Bromoform

TOL = Toluene

CBN = Chlorobenzene

VC = Vinyl Chloride

CDM = Chlorodibromomethane

XYL = Total Xylenes